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United Nations

**Security Council**

**Resolution 2231 (2015)**

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20 July 2015

**Adopted by the Security Council at its 7488th meeting, on**

**20 July 2015**

*The Security Council*,

*Recalling* the Statement of its President, S/PRST/2006/15, and its resolutions

1696 (2006), 1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008), and 1929

(2010),

*Reaffirming* its commitment to the Treaty on the Non-Proliferation of Nuclear

Weapons, the need for all States Party to that Treaty to comply fully with their

obligations, and *recalling* the right of States Party, in conformity with Articles I and II

of that Treaty, to develop research, production and use of nuclear energy for

peaceful purposes without discrimination,

*Emphasizing* the importance of political and diplomatic efforts to find a

negotiated solution guaranteeing that Iran’s nuclear programme is exclusively for

peaceful purposes, and *noting* that such a solution would benefit nuclear

non-proliferation,

*Welcoming* diplomatic efforts by China, France, Germany, the Russian

Federation, the United Kingdom, the United States, the High Representative of the

European Union for Foreign Affairs and Security Policy, and Iran to reach a

comprehensive, long-term and proper solution to the Iranian nuclear issue,

culminating in the Joint Comprehensive Plan of Action (JCPOA) concluded on

14 July 2015, (S/2015/544, as attached as Annex A to this resolution) and the

establishment of the Joint Commission,

*Welcoming* Iran’s reaffirmation in the JCPOA that it will under no

circumstances ever seek, develop or acquire any nuclear weapons,

*Noting* the statement of 14 July 2015, from China, France, Germany, the

Russian Federation, the United Kingdom, the United States, and the European

Union aimed at promoting transparency and creating an atmosphere conducive to

the full implementation of the JCPOA (S/2015/545, as attached as Annex B to this

resolution),

*Affirming* that conclusion of the JCPOA marks a fundamental shift in its

consideration of this issue, and *expressing* its desire to build a new relationship with

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Iran strengthened by the implementation of the JCPOA and to bring to a satisfactory

conclusion its consideration of this matter,

*Affirming* that full implementation of the JCPOA will contribute to building

confidence in the exclusively peaceful nature of Iran’s nuclear programme,

*Strongly supporting* the essential and independent role of the International

Atomic Energy Agency (IAEA) in verifying compliance with safeguards agreements,

including the non-diversion of declared nuclear material to undeclared purposes and

the absence of undeclared nuclear material and undeclared nuclear activities, and, in

this context, in ensuring the exclusively peaceful nature of Iran’s nuclear programme,

including through the implementation of the “Framework for Cooperation” agreed

between Iran and the IAEA on 11 November 2013 and the “Roadmap for Clarification

of Past and Present Outstanding Issues”, and *recognizing* the IAEA’s important role in

supporting full implementation of the JCPOA,

*Affirming* that IAEA safeguards are a fundamental component of nuclear non-

proliferation, promote greater confidence among States, inter alia, by providing

assurance that States are complying with their obligations under relevant safeguards

agreements, contribute to strengthening their collective security and help to create

an environment conducive to nuclear cooperation, and further *recognizing* that

effective and efficient safeguards implementation requires a cooperative effort

between the IAEA and States, that the IAEA Secretariat will continue to engage in

open dialogue on safeguards matters with States to increase transparency and build

confidence and to interact with them on the implementation of safeguards, and in

this case, avoid hampering the economic and technological development of Iran or

international cooperation in the field of peaceful nuclear activities; respect health,

safety, physical protection and other security provisions in force and the rights of

individuals; and take every precaution to protect commercial, technological and

industrial secrets as well as other confidential information coming to its knowledge,

*Encouraging* Member States to cooperate, including through IAEA

involvement, with Iran in the framework of the JCPOA in the field of peaceful uses

of nuclear energy and to engage in mutually determined civil nuclear cooperation

projects, in accordance with Annex III of the JCPOA,

*Noting* the termination of provisions of previous resolutions and other

measures foreseen in this resolution, and *inviting* Member States to give due regard

to these changes,

*Emphasizing* that the JCPOA is conducive to promoting and facilitating the

development of normal economic and trade contacts and cooperation with Iran, and

*having* regard to States’ rights and obligations relating to international trade,

*Underscoring* that Member States are obligated under Article 25 of the Charter

of the United Nations to accept and carry out the Security Council’s decisions,

1. *Endorses* the JCPOA, and *urges* its full implementation on the timetable

established in the JCPOA;

2. *Calls upon* all Members States, regional organizations and international

organizations to take such actions as may be appropriate to support the

implementation of the JCPOA, including by taking actions commensurate with the

implementation plan set out in the JCPOA and this resolution and by refraining from

actions that undermine implementation of commitments under the JCPOA;

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3. *Requests* the Director General of the IAEA to undertake the necessary

verification and monitoring of Iran’s nuclear-related commitments for the full

duration of those commitments under the JCPOA, and *reaffirms* that Iran shall

cooperate fully as the IAEA requests to be able to resolve all outstanding issues, as

identified in IAEA reports;

4. *Requests* the Director General of the IAEA to provide regular updates to

the IAEA Board of Governors and, as appropriate, in parallel to the Security

Council on Iran’s implementation of its commitments under the JCPOA and also to

report to the IAEA Board of Governors and in parallel to the Security Council at any

time if the Director General has reasonable grounds to believe there is an issue of

concern directly affecting fulfilment of JCPOA commitments;

**Terminations**

5. *Requests* that, as soon as the IAEA has verified that Iran has taken the

actions specified in paragraphs 15.1-15.11 of Annex V of the JCPOA, the Director

General of the IAEA submit a report confirming this fact to the IAEA Board of

Governors and in parallel to the Security Council;

6. *Requests* further that, as soon as the IAEA has reached the Broader

Conclusion that all nuclear material in Iran remains in peaceful activities, the

Director General of the IAEA submit a report confirming this conclusion to the

IAEA Board of Governors and in parallel to the Security Council;

7. *Decides*, acting under Article 41 of the Charter of the United Nations,

that, upon receipt by the Security Council of the report from the IAEA described in

paragraph : 5

(a) The provisions of resolutions 1696 (2006), 1737 (2006), 1747 (2007),

1803 (2008), 1835 (2008), 1929 (2010) and 2224 (2015) shall be terminated;

(b) All States shall comply with paragraphs 1, 2, 4, and 5 and the provisions

in subparagraphs (a)-(f) of paragraph 6 of Annex B for the duration specified in

each paragraph or subparagraph, and are called upon to comply with paragraphs 3

and 7 of Annex B;

8. *Decides*, acting under Article 41 of the Charter of the United Nations,

that on the date ten years after the JCPOA Adoption Day, as defined in the JCPOA,

all the provisions of this resolution shall be terminated, and none of the previous

resolutions described in paragraph 7 (a) shall be applied, the Security Council will

have concluded its consideration of the Iranian nuclear issue, and the item

“Non-proliferation” will be removed from the list of matters of which the Council is

seized;

9. *Decides*, acting under Article 41 of the Charter of the United Nations,

that the terminations described in Annex B and paragraph this of 8 resolution shall

not occur if the provisions of previous resolutions have been applied pursuant to

paragraph 12 ;

**Application of Provisions of Previous Resolutions**

10. *Encourages* China, France, Germany, the Russian Federation, the United

Kingdom, the United States, the European Union (EU), and Iran (the “JCPOA

participants”) to resolve any issues arising with respect to implementation of

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JCPOA commitments through the procedures specified in the JCPOA, and *expresses*

its intention to address possible complaints by JCPOA participants about significant

non-performance by another JCPOA participant;

11. *Decides*, acting under Article 41 of the Charter of the United Nations,

that, within 30 days of receiving a notification by a JCPOA participant State of an

issue that the JCPOA participant State believes constitutes significant

non-performance of commitments under the JCPOA, it shall vote on a draft

resolution to continue in effect the terminations in paragraph 7 (a) of this resolution,

*decides* further that if, within 10 days of the notification referred to above, no

Member of the Security Council has submitted such a draft resolution for a vote,

then the President of the Security Council shall submit such a draft resolution and

put it to a vote within 30 days of the notification referred to above, and *expresse*s its

intention to take into account the views of the States involved in the issue and any

opinion on the issue by the Advisory Board established in the JCPOA;

12. *Decides*, acting under Article 41 of the Charter of the United Nations,

that, if the Security Council does not adopt a resolution under paragraph 11 to

continue in effect the terminations in paragraph 7 (a), then effective midnight

Greenwich Mean Time after the thirtieth day after the notification to the Security

Council described in paragraph 11, all of the provisions of resolutions 1696 (2006),

1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008), and 1929 (2010) that have

been terminated pursuant to paragraph 7 (a) shall apply in the same manner as they

applied before the adoption of this resolution, and the measures contained in

paragraphs 7, 8 and 16 to 20 of this resolution shall be terminated, unless the

Security Council decides otherwise;

13. *Underscores* that, in the event of a notification to the Security Council

described in paragraph 11, Iran and the other JCPOA participants should strive to

resolve the issue giving rise to the notification, *expresses* its intention to prevent the

reapplication of the provisions if the issue giving rise to the notification is resolved,

*decides*, acting under Article 41 of the Charter of the United Nations, that if the

notifying JCPOA participant State informs the Security Council that such an issue has

been resolved before the end of the 30-day period specified in paragraph 12 above,

then the provisions of this resolution, including the terminations in paragraph 7 (a),

shall remain in effect notwithstanding paragraph 12 above, and *notes* Iran’s statement

that if the provisions of previous resolutions are applied pursuant to paragraph 12 in

whole or in part, Iran will treat this as grounds to cease performing its commitments

under the JCPOA;

14. *Affirms* that the application of the provisions of previous resolutions

pursuant to paragraph 12 do not apply with retroactive effect to contracts signed

between any party and Iran or Iranian individuals and entities prior to the date of

application, provided that the activities contemplated under and execution of such

contracts are consistent with the JCPOA, this resolution and the previous

resolutions;

15. *Affirms* that any application of the provisions of previous resolutions

pursuant to paragraph 12 is not intended to harm individuals and entities that, prior

to that application of those provisions, engaged in business with Iran or Iranian

individuals and entities that is consistent with the JCPOA and this resolution,

*encourages* Member States to consult with each other with regard to such harm, and

to take action to mitigate such unintended harm for these individuals and entities,

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and *decides* if the provisions of previous resolutions are applied pursuant to

paragraph 12 not to impose measures with retroactive effect on individuals and

entities for business activities with Iran that were consistent with the JCPOA, this

resolution and the previous resolutions prior to the application of these provisions;

**JCPOA Implementation**

16. *Decides*, acting under Article 41 of the Charter of the United Nations, to

review recommendations of the Joint Commission regarding proposals by States to

participate in or permit nuclear-related activities set forth in paragraph 2 of Annex B,

and that such recommendations shall be deemed to be approved unless the Security

Council adopts a resolution to reject a Joint Commission recommendation within

five working days of receiving it;

17. *Requests* Member States seeking to participate in or permit activities set

forth in paragraph 2 of Annex B to submit proposals to the Security Council,

*expresses* its intention to share such proposals with the Joint Commission

established in the JCPOA for its review, *invites* any Member of the Security Council

to provide relevant information and opinions about these proposals, *encourages* the

Joint Commission to give due consideration to any such information and opinions,

and *requests* the Joint Commission to provide its recommendations on these

proposals to the Security Council within twenty working days (or, if extended,

within thirty working days);

18. *Requests* the Secretary-General, in order to support JCPOA

implementation, to take the necessary administrative measures to facilitate

communications with Member States and between the Security Council and the

Joint Commission through agreed practical arrangements;

19. *Requests* the IAEA and the Joint Commission to consult and exchange

information, where appropriate, as specified in the JCPOA, and *requests* further that

the exporting states cooperate with the Joint Commission in accordance with Annex IV

of the JCPOA;

20. *Requests* the Joint Commission to review proposals for transfers and

activities described in paragraph 2 of Annex B with a view to recommending

approval where consistent with this resolution and the provisions and objectives of

the JCPOA so as to provide for the transfer of items, materials, equipment, goods

and technology required for Iran’s nuclear activities under the JCPOA, and

*encourages* the Joint Commission to establish procedures to ensure detailed and

thorough review of all such proposals;

**Exemptions**

21. *Decides*, acting under Article 41 of the Charter of the United Nations,

that the measures imposed in resolutions 1696 (2006), 1737 (2006), 1747 (2007),

1803 (2008), 1835 (2008), and 1929 (2010) shall not apply to the supply, sale, or

transfer of items, materials, equipment, goods and technology, and the provision of

any related technical assistance, training, financial assistance, investment, brokering

or other services, by JCPOA participant States or Member States acting in

coordination with them, that is directly related to: (a) the modification of two cascades

at the Fordow facility for stable isotope production; (b) the export of Iran’s enriched

uranium in excess of 300 kilograms in return for natural uranium; and (c) the

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modernization of the Arak reactor based on the agreed conceptual design and,

subsequently, on the agreed final design of such reactor;

22. *Decides*, acting under Article 41 of the Charter of the United Nations,

that Member States engaging in the activities permitted in paragraph 21 shall ensure

that: (a) all such activities are undertaken strictly in accordance with the JCPOA;

(b) they notify the Committee established pursuant to resolution 1737 (2006) and,

when constituted, the Joint Commission ten days in advance of such activities;

(c) the requirements, as appropriate, of the Guidelines as set out in the relevant

INFCIRC referenced in resolution 1737 (2006), as updated, have been met; (d) they

have obtained and are in a position to exercise effectively a right to verify the end-

use and end-use location of any supplied item; and (e) in case of supplied items,

materials, equipment, goods and technology listed in the INFCIRCs referenced in

resolution 1737 (2006), as updated, they also notify the IAEA within ten days of the

supply, sale or transfers;

23. *Decides*, acting under Article 41 of the Charter of the United Nations,

also that the measures imposed in resolutions 1696 (2006), 1737 (2006), 1747

(2007), 1803 (2008), 1835 (2008), and 1929 (2010) shall not apply to the extent

necessary to carry out transfers and activities, as approved on a case-by-case basis

in advance by the Committee established pursuant to resolution 1737 (2006), that

are:

(a) directly related to implementation of the nuclear-related actions specified

in paragraphs 15.1-15.11 of Annex V of the JCPOA;

(b) required for preparation for the implementation of the JCPOA; or,

(c) determined by the Committee to be consistent with the objectives of this

resolution;

24. *Notes* that the provisions of paragraphs 21, 22, 23 and 27 continue in

effect if the provisions of previous resolutions are applied pursuant to paragraph 12;

**Other Matters**

25. *Decides* to make the necessary practical arrangements to undertake

directly tasks related to the implementation of this resolution, including those tasks

specified in Annex B and the release of guidance;

26. *Urges* all States, relevant United Nations bodies and other interested

parties, to cooperate fully with the Security Council in its exercise of the tasks

related to this resolution, in particular by supplying any information at their disposal

on the implementation of the measures in this resolution;

27. *Decides* that all provisions contained in the JCPOA are only for the

purposes of its implementation between the E3/EU+3 and Iran and should not be

considered as setting precedents for any other State or for principles of international

law and the rights and obligations under the Treaty on the Non-Proliferation of

Nuclear Weapons and other relevant instruments, as well as for internationally

recognized principles and practices;

28. *Recalls* that the measures imposed by paragraph 12 of resolution 1737

(2006) shall not prevent a designated person or entity from making payment due

under a contract entered into prior to the listing of such a person or entity, provided

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that the conditions specified in paragraph 15 of that resolution are met, and

*underscores*, that if the provisions of previous resolutions are reapplied pursuant to

paragraph 12 of this resolution, then this provision will apply;

29. *Emphasizes* the importance of all States taking the necessary measures to

ensure that no claim shall lie at the instance of the Government of Iran, or any

person or entity in Iran, or of persons or entities designated pursuant to resolution

1737 (2006) and related resolutions, or any person claiming through or for the

benefit of any such person or entity, in connection with any contract or other

transaction where its performance was prevented by reason of the application of the

provisions of resolutions 1737 (2006), 1747 (2007), 1803 (2008), 1929 (2010) and

this resolution;

30. *Decides* to remain seized of the matter until the termination of the

provisions of this resolution in accordance with paragraph 8.

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**Annex A: Joint Comprehensive Plan of Action (JCPOA), Vienna,**

**14 July 2015**

***PREFACE***

The E3/EU+3 (China, France, Germany, the Russian Federation, the United

Kingdom and the United States, with the High Representative of the European

Union for Foreign Affairs and Security Policy) and the Islamic Republic of Iran

welcome this historic Joint Comprehensive Plan of Action (JCPOA), which will

ensure that Iran’s nuclear programme will be exclusively peaceful, and mark a

fundamental shift in their approach to this issue. They anticipate that full

implementation of this JCPOA will positively contribute to regional and

international peace and security. Iran reaffirms that under no circumstances will Iran

ever seek, develop or acquire any nuclear weapons.

Iran envisions that this JCPOA will allow it to move forward with an exclusively

peaceful, indigenous nuclear programme, in line with scientific and economic

considerations, in accordance with the JCPOA, and with a view to building

confidence and encouraging international cooperation. In this context, the initial

mutually determined limitations described in this JCPOA will be followed by a

gradual evolution, at a reasonable pace, of Iran’s peaceful nuclear programme,

including its enrichment activities, to a commercial programme for exclusively

peaceful purposes, consistent with international non-proliferation norms.

The E3/EU+3 envision that the implementation of this JCPOA will progressively

allow them to gain confidence in the exclusively peaceful nature of Iran’s

programme. The JCPOA reflects mutually determined parameters, consistent with

practical needs, with agreed limits on the scope of Iran’s nuclear programme,

including enrichment activities and R&D. The JCPOA addresses the E3/EU+3’s

concerns, including through comprehensive measures providing for transparency

and verification.

The JCPOA will produce the comprehensive lifting of all UN Security Council

sanctions as well as multilateral and national sanctions related to Iran’s nuclear

programme, including steps on access in areas of trade, technology, finance, and

energy.

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***PREAMBLE AND GENERAL PROVISIONS***

i.

ii.

iii.

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vi.

The Islamic Republic of Iran and the E3/EU+3 (China, France, Germany, the

Russian Federation, the United Kingdom and the United States, with the High

Representative of the European Union for Foreign Affairs and Security Policy)

have decided upon this long-term Joint Comprehensive Plan of Action

(JCPOA). This JCPOA, reflecting a step-by-step approach, includes the

reciprocal commitments as laid down in this document and the annexes hereto

and is to be endorsed by the United Nations (UN) Security Council.

The full implementation of this JCPOA will ensure the exclusively peaceful

nature of Iran’s nuclear programme.

Iran reaffirms that under no circumstances will Iran ever seek, develop or

acquire any nuclear weapons.

Successful implementation of this JCPOA will enable Iran to fully enjoy its

right to nuclear energy for peaceful purposes under the relevant articles of the

nuclear Non-Proliferation Treaty (NPT) in line with its obligations therein, and

the Iranian nuclear programme will be treated in the same manner as that of

any other non-nuclear-weapon state party to the NPT.

This JCPOA will produce the comprehensive lifting of all UN Security

Council sanctions as well as multilateral and national sanctions related to

Iran’s nuclear programme, including steps on access in areas of trade,

technology, finance and energy.

The E3/EU+3 and Iran reaffirm their commitment to the purposes and

principles of the United Nations as set out in the UN Charter.

vii. The E3/EU+3 and Iran acknowledge that the NPT remains the cornerstone of

the nuclear non-proliferation regime and the essential foundation for the

pursuit of nuclear disarmament and for the peaceful uses of nuclear energy.

viii. The E3/EU+3 and Iran commit to implement this JCPOA in good faith and in a

constructive atmosphere, based on mutual respect, and to refrain from any

action inconsistent with the letter, spirit and intent of this JCPOA that would

undermine its successful implementation. The E3/EU+3 will refrain from

imposing discriminatory regulatory and procedural requirements in lieu of the

sanctions and restrictive measures covered by this JCPOA. This JCPOA builds

on the implementation of the Joint Plan of Action (JPOA) agreed in Geneva on

24 November 2013.

ix.

x.

A Joint Commission consisting of the E3/EU+3 and Iran will be established to

monitor the implementation of this JCPOA and will carry out the functions

provided for in this JCPOA. This Joint Commission will address issues arising

from the implementation of this JCPOA and will operate in accordance with

the provisions as detailed in the relevant annex.

The International Atomic Energy Agency (IAEA) will be requested to monitor

and verify the voluntary nuclear-related measures as detailed in this JCPOA.

The IAEA will be requested to provide regular updates to the Board of

Governors, and as provided for in this JCPOA, to the UN Security Council.

All relevant rules and regulations of the IAEA with regard to the protection of

information will be fully observed by all parties involved.

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xi. All provisions and measures contained in this JCPOA are only for the purpose

of its implementation between E3/EU+3 and Iran and should not be considered

as setting precedents for any other state or for fundamental principles of

international law and the rights and obligations under the NPT and other

relevant instruments, as well as for internationally recognised principles and

practices.

xii. Technical details of the implementation of this JCPOA are dealt with in the

annexes to this document.

xiii. The EU and E3+3 countries and Iran, in the framework of the JCPOA, will

cooperate, as appropriate, in the field of peaceful uses of nuclear energy and

engage in mutually determined civil nuclear cooperation projects as detailed in

Annex III, including through IAEA involvement.

xiv. The E3+3 will submit a draft resolution to the UN Security Council endorsing

this JCPOA affirming that conclusion of this JCPOA marks a fundamental

shift in its consideration of this issue and expressing its desire to build a new

relationship with Iran. This UN Security Council resolution will also provide

for the termination on Implementation Day of provisions imposed under

previous resolutions; establishment of specific restrictions; and conclusion of

consideration of the Iran nuclear issue by the UN Security Council 10 years

after the Adoption Day.

xv. The provisions stipulated in this JCPOA will be implemented for their

respective durations as set forth below and detailed in the annexes.

xvi. The E3/EU+3 and Iran will meet at the ministerial level every 2 years, or

earlier if needed, in order to review and assess progress and to adopt

appropriate decisions by consensus.

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***Iran and E3/EU+3 will take the following voluntary measures within***

***the timeframe as detailed in this JCPOA and its Annexes***

***NUCLEAR***

**A. ENRICHMENT, ENRICHMENT R&D, STOCKPILES**

1. Iran’s long term plan includes certain agreed limitations on all uranium

enrichment and uranium enrichment-related activities including certain

limitations on specific research and development (R&D) activities for the first

8 years, to be followed by gradual evolution, at a reasonable pace, to the next

stage of its enrichment activities for exclusively peaceful purposes, as

described in Annex I. Iran will abide by its voluntary commitments, as

expressed in its own long-term enrichment and enrichment R&D plan to be

submitted as part of the initial declaration for the Additional Protocol to Iran’s

Safeguards Agreement.

2. Iran will begin phasing out its IR-1 centrifuges in 10 years. During this period,

Iran will keep its enrichment capacity at Natanz at up to a total installed

uranium enrichment capacity of 5060 IR-1 centrifuges. Excess centrifuges and

enrichment-related infrastructure at Natanz will be stored under IAEA

continuous monitoring, as specified in Annex I.

3. Iran will continue to conduct enrichment R&D in a manner that does not

accumulate enriched uranium. Iran’s enrichment R&D with uranium for

10 years will only include IR-4, IR-5, IR-6 and IR-8 centrifuges as laid out in

Annex I, and Iran will not engage in other isotope separation technologies for

enrichment of uranium as specified in Annex I. Iran will continue testing IR-6

and IR-8 centrifuges, and will commence testing of up to 30 IR-6 and IR-8

centrifuges after eight and a half years, as detailed in Annex I.

4. As Iran will be phasing out its IR-1 centrifuges, it will not manufacture or

assemble other centrifuges, except as provided for in Annex I, and will replace

failed centrifuges with centrifuges of the same type. Iran will manufacture

advanced centrifuge machines only for the purposes specified in this JCPOA.

From the end of the eighth year, and as described in Annex I, Iran will start to

manufacture agreed numbers of IR-6 and IR-8 centrifuge machines without

rotors and will store all of the manufactured machines at Natanz, under IAEA

continuous monitoring until they are needed under Iran’s long-term

enrichment and enrichment R&D plan.

5. Based on its own long-term plan, for 15 years, Iran will carry out its uranium

enrichment-related activities, including safeguarded R&D exclusively in the

Natanz Enrichment facility, keep its level of uranium enrichment at up to

3.67%, and, at Fordow, refrain from any uranium enrichment and uranium

enrichment R&D and from keeping any nuclear material.

6. Iran will convert the Fordow facility into a nuclear, physics and technology

centre. International collaboration including in the form of scientific joint

partnerships will be established in agreed areas of research. 1044 IR-1

centrifuges in six cascades will remain in one wing at Fordow. Two of these

cascades will spin without uranium and will be transitioned, including through

appropriate infrastructure modification, for stable isotope production. The

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other four cascades with all associated infrastructure will remain idle. All

other centrifuges and enrichment-related infrastructure will be removed and

stored under IAEA continuous monitoring as specified in Annex I.

7. During the 15 year period, and as Iran gradually moves to meet international

qualification standards for nuclear fuel produced in Iran, it will keep its

uranium stockpile under 300 kg of up to 3.67% enriched uranium hexafluoride

(UF6) or the equivalent in other chemical forms. The excess quantities are to

be sold based on international prices and delivered to the international buyer in

return for natural uranium delivered to Iran, or are to be down-blended to

natural uranium level. Enriched uranium in fabricated fuel assemblies from

Russia or other sources for use in Iran’s nuclear reactors will not be counted

against the above stated 300 kg UF6 stockpile, if the criteria set out in Annex I

are met with regard to other sources. The Joint Commission will support

assistance to Iran, including through IAEA technical cooperation as

appropriate, in meeting international qualification standards for nuclear fuel

produced in Iran. All remaining uranium oxide enriched to between 5% and

20% will be fabricated into fuel for the Tehran Research Reactor (TRR). Any

additional fuel needed for the TRR will be made available to Iran at

international market prices.

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**ARAK, HEAVY WATER, REPROCESSING**

8. Iran will redesign and rebuild a modernised heavy water research reactor in

Arak, based on an agreed conceptual design, using fuel enriched up to 3.67 %,

in a form of an international partnership which will certify the final design.

The reactor will support peaceful nuclear research and radioisotope production

for medical and industrial purposes. The redesigned and rebuilt Arak reactor

will not produce weapons grade plutonium. Except for the first core load, all

of the activities for redesigning and manufacturing of the fuel assemblies for

the redesigned reactor will be carried out in Iran. All spent fuel from Arak will

be shipped out of Iran for the lifetime of the reactor. This international

partnership will include participating E3/EU+3 parties, Iran and such other

countries as may be mutually determined. Iran will take the leadership role as

the owner and as the project manager and the E3/EU+3 and Iran will, before

Implementation Day, conclude an official document which would define the

responsibilities assumed by the E3/EU+3 participants.

9. Iran plans to keep pace with the trend of international technological

advancement in relying on light water for its future power and research

reactors with enhanced international cooperation, including assurance of

supply of necessary fuel.

10. There will be no additional heavy water reactors or accumulation of heavy

water in Iran for 15 years. All excess heavy water will be made available for

export to the international market.

11. Iran intends to ship out all spent fuel for all future and present power and

research nuclear reactors, for further treatment or disposition as provided for

in relevant contracts to be duly concluded with the recipient party.

12. For 15 years Iran will not, and does not intend to thereafter, engage in any

spent fuel reprocessing or construction of a facility capable of spent fuel

reprocessing, or reprocessing R&D activities leading to a spent fuel

reprocessing capability, with the sole exception of separation activities aimed

exclusively at the production of medical and industrial radio-isotopes from

irradiated enriched uranium targets.

**C. TRANSPARENCY AND CONFIDENCE BUILDING MEASURES**

13. Consistent with the respective roles of the President and Majlis (Parliament),

Iran will provisionally apply the Additional Protocol to its Comprehensive

Safeguards Agreement in accordance with Article 17(b) of the Additional

Protocol, proceed with its ratification within the timeframe as detailed in

Annex V and fully implement the modified Code 3.1 of the Subsidiary

Arrangements to its Safeguards Agreement.

14. Iran will fully implement the “Roadmap for Clarification of Past and Present

Outstanding Issues” agreed with the IAEA, containing arrangements to

address past and present issues of concern relating to its nuclear programme as

raised in the annex to the IAEA report of 8 November 2011 (GOV/2011/65).

Full implementation of activities undertaken under the Roadmap by Iran will

be completed by 15 October 2015, and subsequently the Director General will

provide by 15 December 2015 the final assessment on the resolution of all past

and present outstanding issues to the Board of Governors, and the E3+3, in

their capacity as members of the Board of Governors, will submit a resolution

to the Board of Governors for taking necessary action, with a view to closing

the issue, without prejudice to the competence of the Board of Governors.

15. Iran will allow the IAEA to monitor the implementation of the voluntary

measures for their respective durations, as well as to implement transparency

measures, as set out in this JCPOA and its Annexes. These measures include: a

long-term IAEA presence in Iran; IAEA monitoring of uranium ore

concentrate produced by Iran from all uranium ore concentrate plants for

25 years; containment and surveillance of centrifuge rotors and bellows for

20 years; use of IAEA approved and certified modern technologies including

on-line enrichment measurement and electronic seals; and a reliable

mechanism to ensure speedy resolution of IAEA access concerns for 15 years,

as defined in Annex I.

16. Iran will not engage in activities, including at the R&D level, that could

contribute to the development of a nuclear explosive device, including

uranium or plutonium metallurgy activities, as specified in Annex I.

17. Iran will cooperate and act in accordance with the procurement channel in this

JCPOA, as detailed in Annex IV, endorsed by the UN Security Council

resolution.

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***SANCTIONS***

18.

19.

The UN Security Council resolution endorsing this JCPOA will terminate all

provisions of previous UN Security Council resolutions on the Iranian nuclear

issue - 1696 (2006), 1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008),

1929 (2010) and 2224 (2015) – simultaneously with the IAEA-verified

implementation of agreed nuclear-related measures by Iran and will establish

specific restrictions, as specified in Annex V. 1

The EU will terminate all provisions of the EU Regulation, as subsequently

amended, implementing all nuclear-related economic and financial sanctions,

including related designations, simultaneously with the IAEA-verified

implementation of agreed nuclear-related measures by Iran as specified in

Annex V, which cover all sanctions and restrictive measures in the following

areas, as described in Annex II:

i. Transfers of funds between EU persons and entities, including financial

institutions, and Iranian persons and entities, including financial

institutions;

ii. Banking activities, including the establishment of new correspondent

banking relationships and the opening of new branches and subsidiaries

of Iranian banks in the territories of EU Member States;

iii. Provision of insurance and reinsurance;

iv. Supply of specialised financial messaging services, including SWIFT, for

persons and entities set out in Attachment 1 to Annex II, including the

Central Bank of Iran and Iranian financial institutions;

v. Financial support for trade with Iran (export credit, guarantees or

insurance);

vi. Commitments for grants, financial assistance and concessional loans to

the Government of Iran;

vii. Transactions in public or public-guaranteed bonds;

viii. Import and transport of Iranian oil, petroleum products, gas and

petrochemical products;

ix. Export of key equipment or technology for the oil, gas and petrochemical

sectors;

x. Investment in the oil, gas and petrochemical sectors;

xi. Export of key naval equipment and technology;

xii. Design and construction of cargo vessels and oil tankers;

xiii. Provision of flagging and classification services;

xiv. Access to EU airports of Iranian cargo flights;

xv. Export of gold, precious metals and diamonds;

xvi. Delivery of Iranian banknotes and coinage;

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The provisions of this Resolution do not constitute provisions of this JCPOA.

xvii. Export of graphite, raw or semi-finished metals such as aluminium and

steel, and export or software for integrating industrial processes;

xviii. Designation of persons, entities and bodies (asset freeze and visa ban) set

out in Attachment 1 to Annex II; and

xix. Associated services for each of the categories above.

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The EU will terminate all provisions of the EU Regulation implementing all

EU proliferation-related sanctions, including related designations, 8 years after

Adoption Day or when the IAEA has reached the Broader Conclusion that all

nuclear material in Iran remains in peaceful activities, whichever is earlier.

The United States will cease the application, and will continue to do so, in

accordance with this JCPOA of the sanctions specified in Annex II to take

effect simultaneously with the IAEA-verified implementation of the agreed

nuclear-related measures by Iran as specified in Annex V. Such sanctions

cover the following areas as described in Annex II:

i. Financial and banking transactions with Iranian banks and financial

institutions as specified in Annex II, including the Central Bank of Iran

and specified individuals and entities identified as Government of Iran by

the Office of Foreign Assets Control on the Specially Designated Nationals

and Blocked Persons List (SDN List), as set out in Attachment 3 to

Annex II (including the opening and maintenance of correspondent and

payable through-accounts at non-U.S. financial institutions, investments,

foreign exchange transactions and letters of credit);

ii. Transactions in Iranian Rial;

iii. Provision of U.S. banknotes to the Government of Iran;

iv. Bilateral trade limitations on Iranian revenues abroad, including

limitations on their transfer;

v. Purchase, subscription to, or facilitation of the issuance of Iranian

sovereign debt, including governmental bonds;

vi. Financial messaging services to the Central Bank of Iran and Iranian

financial institutions set out in Attachment 3 to Annex II;

vii. Underwriting services, insurance, or reinsurance;

viii. Efforts to reduce Iran’s crude oil sales;

ix. Investment, including participation in joint ventures, goods, services,

information, technology and technical expertise and support for Iran’s

oil, gas and petrochemical sectors;

x. Purchase, acquisition, sale, transportation or marketing of petroleum,

petrochemical products and natural gas from Iran;

xi. Export, sale or provision of refined petroleum products and

petrochemical products to Iran;

xii. Transactions with Iran’s energy sector;

xiii. Transactions with Iran’s shipping and shipbuilding sectors and port

operators;

**15/104**

xiv. Trade in gold and other precious metals;

xv. Trade with Iran in graphite, raw or semi-finished metals such as

aluminum and steel, coal, and software for integrating industrial

processes;

xvi. Sale, supply or transfer of goods and services used in connection with

Iran’s automotive sector;

xvii. Sanctions on associated services for each of the categories above;

xviii. Remove individuals and entities set out in Attachment 3 to Annex II from

the SDN List, the Foreign Sanctions Evaders List, and/or the Non-SDN

Iran Sanctions Act List; and

xix. Terminate Executive Orders 13574, 13590, 13622, and 13645, and

Sections 5 – 7 and 15 of Executive Order 13628.

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The United States will, as specified in Annex II and in accordance with Annex V,

allow for the sale of commercial passenger aircraft and related parts and services

to Iran; license non-U.S. persons that are owned or controlled by a U.S. person

to engage in activities with Iran consistent with this JCPOA; and license the

importation into the United States of Iranian-origin carpets and foodstuffs.

Eight years after Adoption Day or when the IAEA has reached the Broader

Conclusion that all nuclear material in Iran remains in peaceful activities,

whichever is earlier, the United States will seek such legislative action as may

be appropriate to terminate, or modify to effectuate the termination of, the

sanctions specified in Annex II on the acquisition of nuclear-related

commodities and services for nuclear activities contemplated in this JCPOA,

to be consistent with the U.S. approach to other non-nuclear-weapon states

under the NPT.

The E3/EU and the United States specify in Annex II a full and complete list

of all nuclear-related sanctions or restrictive measures and will lift them in

accordance with Annex V. Annex II also specifies the effects of the lifting of

sanctions beginning on “Implementation Day”. If at any time following the

Implementation Day, Iran believes that any other nuclear-related sanction or

restrictive measure of the E3/EU+3 is preventing the full implementation of

the sanctions lifting as specified in this JCPOA, the JCPOA participant in

question will consult with Iran with a view to resolving the issue and, if they

concur that lifting of this sanction or restrictive measure is appropriate, the

JCPOA participant in question will take appropriate action. If they are not able

to resolve the issue, Iran or any member of the E3/EU+3 may refer the issue to

the Joint Commission.

If a law at the state or local level in the United States is preventing the

implementation of the sanctions lifting as specified in this JCPOA, the United

States will take appropriate steps, taking into account all available authorities,

with a view to achieving such implementation. The United States will actively

encourage officials at the state or local level to take into account the changes

in the U.S. policy reflected in the lifting of sanctions under this JCPOA and to

refrain from actions inconsistent with this change in policy.

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The EU will refrain from re-introducing or re-imposing the sanctions that it

has terminated implementing under this JCPOA, without prejudice to the

dispute resolution process provided for under this JCPOA. There will be no

new nuclear-related UN Security Council sanctions and no new EU nuclear-

related sanctions or restrictive measures. The United States will make best

efforts in good faith to sustain this JCPOA and to prevent interference with the

realisation of the full benefit by Iran of the sanctions lifting specified in Annex

II. The U.S. Administration, acting consistent with the respective roles of the

President and the Congress, will refrain from re-introducing or re-imposing the

sanctions specified in Annex II that it has ceased applying under this JCPOA,

without prejudice to the dispute resolution process provided for under this

JCPOA. The U.S. Administration, acting consistent with the respective roles of

the President and the Congress, will refrain from imposing new nuclear-related

sanctions. Iran has stated that it will treat such a re-introduction or re-imposition

of the sanctions specified in Annex II, or such an imposition of new nuclear-

related sanctions, as grounds to cease performing its commitments under this

JCPOA in whole or in part.

The E3/EU+3 will take adequate administrative and regulatory measures to

ensure clarity and effectiveness with respect to the lifting of sanctions under

this JCPOA. The EU and its Member States as well as the United States will

issue relevant guidelines and make publicly accessible statements on the

details of sanctions or restrictive measures which have been lifted under this

JCPOA. The EU and its Member States and the United States commit to

consult with Iran regarding the content of such guidelines and statements, on a

regular basis and whenever appropriate.

The E3/EU+3 and Iran commit to implement this JCPOA in good faith and in a

constructive atmosphere, based on mutual respect, and to refrain from any

action inconsistent with the letter, spirit and intent of this JCPOA that would

undermine its successful implementation. Senior Government officials of the

E3/EU+3 and Iran will make every effort to support the successful

implementation of this JCPOA including in their public statements. 2 The

E3/EU+3 will take all measures required to lift sanctions and will refrain from

imposing exceptional or discriminatory regulatory and procedural requirements

in lieu of the sanctions and restrictive measures covered by the JCPOA.

The EU and its Member States and the United States, consistent with their

respective laws, will refrain from any policy specifically intended to directly

and adversely affect the normalisation of trade and economic relations with

Iran inconsistent with their commitments not to undermine the successful

implementation of this JCPOA.

The E3/EU+3 will not apply sanctions or restrictive measures to persons or

entities for engaging in activities covered by the lifting of sanctions provided

for in this JCPOA, provided that such activities are otherwise consistent with

E3/EU+3 laws and regulations in effect. Following the lifting of sanctions

under this JCPOA as specified in Annex II, ongoing investigations on possible

infringements of such sanctions may be reviewed in accordance with

applicable national laws.

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‘Government officials’ for the U.S. means senior officials of the U.S. Administration.

**17/104**

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**18/104**

Consistent with the timing specified in Annex V, the EU and its Member States

will terminate the implementation of the measures applicable to designated

entities and individuals, including the Central Bank of Iran and other Iranian

banks and financial institutions, as detailed in Annex II and the attachments

thereto. Consistent with the timing specified in Annex V, the United States will

remove designation of certain entities and individuals on the Specially

Designated Nationals and Blocked Persons List, and entities and individuals

listed on the Foreign Sanctions Evaders List, as detailed in Annex II and the

attachments thereto.

EU and E3+3 countries and international participants will engage in joint

projects with Iran, including through IAEA technical cooperation projects, in

the field of peaceful nuclear technology, including nuclear power plants,

research reactors, fuel fabrication, agreed joint advanced R&D such as fusion,

establishment of a state-of-the-art regional nuclear medical centre, personnel

training, nuclear safety and security, and environmental protection, as detailed

in Annex III. They will take necessary measures, as appropriate, for the

implementation of these projects.

The E3/EU+3 and Iran will agree on steps to ensure Iran’s access in areas of

trade, technology, finance and energy. The EU will further explore possible

areas for cooperation between the EU, its Member States and Iran, and in this

context consider the use of available instruments such as export credits to

facilitate trade, project financing and investment in Iran.

***IMPLEMENTATION PLAN***

34.

35.

Iran and the E3/EU+3 will implement their JCPOA commitments according to

the sequence specified in Annex V. The milestones for implementation are as

follows:

i. Finalisation Day is the date on which negotiations of this JCPOA are

concluded among the E3/EU+3 and Iran, to be followed promptly by

submission of the resolution endorsing this JCPOA to the UN Security

Council for adoption without delay.

ii. Adoption Day is the date 90 days after the endorsement of this JCPOA

by the UN Security Council, or such earlier date as may be determined

by mutual consent of the JCPOA participants, at which time this JCPOA

and the commitments in this JCPOA come into effect. Beginning on that

date, JCPOA participants will make necessary arrangements and

preparations for the implementation of their JCPOA commitments.

iii. Implementation Day is the date on which, simultaneously with the IAEA

report verifying implementation by Iran of the nuclear-related measures

described in Sections 15.1. to 15.11 of Annex V, the EU and the United

States take the actions described in Sections 16 and 17 of Annex V

respectively and in accordance with the UN Security Council resolution,

the actions described in Section 18 of Annex V occur at the UN level.

iv. Transition Day is the date 8 years after Adoption Day or the date on

which the Director General of the IAEA submits a report stating that the

IAEA has reached the Broader Conclusion that all nuclear material in

Iran remains in peaceful activities, whichever is earlier. On that date, the

EU and the United States will take the actions described in Sections 20

and 21 of Annex V respectively and Iran will seek, consistent with the

Constitutional roles of the President and Parliament, ratification of the

Additional Protocol.

v. UN Security Council resolution Termination Day is the date on which the

UN Security Council resolution endorsing this JCPOA terminates

according to its terms, which is to be 10 years from Adoption Day,

provided that the provisions of previous resolutions have not been

reinstated. On that date, the EU will take the actions described in

Section 25 of Annex V.

The sequence and milestones set forth above and in Annex V are without

prejudice to the duration of JCPOA commitments stated in this JCPOA.

***DISPUTE RESOLUTION MECHANISM***

36. If Iran believed that any or all of the E3/EU+3 were not meeting their

commitments under this JCPOA, Iran could refer the issue to the Joint

Commission for resolution; similarly, if any of the E3/EU+3 believed that Iran

was not meeting its commitments under this JCPOA, any of the E3/EU+3

could do the same. The Joint Commission would have 15 days to resolve the

issue, unless the time period was extended by consensus. After Joint

Commission consideration, any participant could refer the issue to Ministers of

Foreign Affairs, if it believed the compliance issue had not been resolved.

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Ministers would have 15 days to resolve the issue, unless the time period was

extended by consensus. After Joint Commission consideration – in parallel

with (or in lieu of) review at the Ministerial level - either the complaining

participant or the participant whose performance is in question could request

that the issue be considered by an Advisory Board, which would consist of

three members (one each appointed by the participants in the dispute and a

third independent member). The Advisory Board should provide a non-binding

opinion on the compliance issue within 15 days. If, after this 30-day process

the issue is not resolved, the Joint Commission would consider the opinion of

the Advisory Board for no more than 5 days in order to resolve the issue. If the

issue still has not been resolved to the satisfaction of the complaining

participant, and if the complaining participant deems the issue to constitute

significant non-performance, then that participant could treat the unresolved

issue as grounds to cease performing its commitments under this JCPOA in

whole or in part and/or notify the UN Security Council that it believes the

issue constitutes significant non-performance.

37.

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Upon receipt of the notification from the complaining participant, as described

above, including a description of the good-faith efforts the participant made to

exhaust the dispute resolution process specified in this JCPOA, the UN

Security Council, in accordance with its procedures, shall vote on a resolution

to continue the sanctions lifting. If the resolution described above has not been

adopted within 30 days of the notification, then the provisions of the old UN

Security Council resolutions would be re-imposed, unless the UN Security

Council decides otherwise. In such event, these provisions would not apply

with retroactive effect to contracts signed between any party and Iran or

Iranian individuals and entities prior to the date of application, provided that

the activities contemplated under and execution of such contracts are

consistent with this JCPOA and the previous and current UN Security Council

resolutions. The UN Security Council, expressing its intention to prevent the

reapplication of the provisions if the issue giving rise to the notification is

resolved within this period, intends to take into account the views of the States

involved in the issue and any opinion on the issue of the Advisory Board. Iran

has stated that if sanctions are reinstated in whole or in part, Iran will treat that

as grounds to cease performing its commitments under this JCPOA in whole or

in part.

**JCPOA Annex I – Nuclear-related measures**

**A.**

**B.**

**GENERAL**

1. The sequence of implementation of the commitments detailed in this Annex is

specified in Annex V to the Joint Comprehensive Plan of Action (JCPOA).

Unless otherwise specified, the durations of the commitments in this Annex

are from Implementation Day.

**ARAK HEAVY WATER RESEARCH REACTOR**

2. Iran will modernise the Arak heavy water research reactor to support peaceful

nuclear research and radioisotopes production for medical and industrial

purposes. Iran will redesign and rebuild the reactor, based on the agreed

conceptual design (as attached to this Annex) to support its peaceful nuclear

research and production needs and purposes, including testing of fuel pins and

assembly prototypes and structural materials. The design will be such as to

minimise the production of plutonium and not to produce weapon-grade

plutonium in normal operation. The power of the redesigned reactor will not

exceed 20 MWth. The E3/EU+3 and Iran share the understanding that the

parameters in the conceptual design are subject to possible and necessary

adjustments in developing the final design while fully preserving the above-

mentioned purposes and principles of modernisation.

3. Iran will not pursue construction at the existing unfinished reactor based on its

original design and will remove the existing calandria and retain it in Iran. The

calandria will be made inoperable by filling any openings in the calandria with

concrete such that the IAEA can verify that it will not be usable for a future

nuclear application. In redesigning and reconstructing of the modernized Arak

heavy water research reactor, Iran will maximise the use of existing

infrastructure already installed at the current Arak research reactor.

4. Iran will take the leadership role as the owner and as the project manager, and

have responsibility for overall implementation of the Arak modernisation

project, with E3/EU+3 participants assuming responsibilities regarding the

modernisation of the Arak reactor as described in this Annex. A Working

Group composed of E3/EU+3 participants will be established to facilitate the

redesigning and rebuilding of the reactor. An international partnership

composed of Iran and the Working Group would implement the Arak

modernisation project. The Working Group could be enlarged to include other

countries by consensus of the participants of the Working Group and Iran.

E3/EU+3 participants and Iran will conclude an official document expressing

their strong commitments to the Arak modernisation project in advance of

Implementation Day which would provide an assured path forward to

modernise the reactor and would define the responsibilities assumed by the

E3/EU+3 participants, and subsequently contracts would be concluded. The

participants of the Working Group will provide assistance needed by Iran for

redesigning and rebuilding the reactor, consistent with their respective national

laws, in such a manner as to enable the safe and timely construction and

commissioning of the modernised reactor.

5. Iran and the Working Group will cooperate to develop the final design of the

modernised reactor and the design of the subsidiary laboratories to be carried

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out by Iran, and review conformity with international safety standards, such

that the reactor can be licensed by the relevant Iranian regulatory authority for

commissioning and operation. The final design of the modernised reactor and

the design of the subsidiary laboratories will be submitted to the Joint

Commission. The Joint Commission will aim to complete its review and

endorsement within three months after the submission of the final design. If

the Joint Commission does not complete its review and endorsement within

three months, Iran could raise the issue through the dispute resolution

mechanism envisaged by this JCPOA.

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The IAEA will monitor the construction and report to the Working Group for

confirmation that the construction of the modernised reactor is consistent with

the approved final design.

As the project manager, Iran will take responsibility for the construction

efforts. E3/EU+3 parties will, consistent with their national laws, take

appropriate administrative, legal, technical, and regulatory measures to

support co-operation.

E3/EU+3 parties will support the purchase by Iran, the transfer and supply of

necessary materials, equipment, instrumentation and control systems and

technologies required for the construction of the redesigned reactor, through

the mechanism established by this JCPOA, as well as through exploration of

relevant funding contributions.

E3/EU+3 parties will also support and facilitate the timely and safe

construction of the modernized Arak reactor and its subsidiary laboratories,

upon request by Iran, through IAEA technical cooperation if appropriate,

including but not limited to technical and financial assistance, supply of

required materials and equipment, state-of-the-art instrumentation and control

systems and equipment and support for licensing and authorization.

The redesigned reactor will use up to 3.67 percent enriched uranium in the

form of UO2 with a mass of approximately 350 kg of UO2 in a full core load,

with a fuel design to be reviewed and approved by the Joint Commission. The

international partnership with the participation of Iran will fabricate the initial

fuel core load for the reactor outside Iran. The international partnership will

cooperate with Iran, including through technical assistance, to fabricate, test

and license fuel fabrication capabilities in Iran for subsequent fuel core reloads

for future use with this reactor. Destructive and non-destructive testing of this

fuel including Post-Irradiation-Examination (PIE) will take place in one of the

participating countries outside of Iran and that country will work with Iran to

license the subsequent fuel fabricated in Iran for the use in the redesigned

reactor under IAEA monitoring.

Iran will not produce or test natural uranium pellets, fuel pins or fuel

assemblies, which are specifically designed for the support of the originally

designed Arak reactor, designated by the IAEA as IR-40. Iran will store under

IAEA continuous monitoring all existing natural uranium pellets and IR-40

fuel assemblies until the modernised Arak reactor becomes operational, at

which point these natural uranium pellets and IR-40 fuel assemblies will be

converted to UNH, or exchanged with an equivalent quantity of natural

uranium. Iran will make the necessary technical modifications to the natural

uranium fuel production process line that was intended to supply fuel for the

IR-40 reactor design, such that it can be used for the fabrication of the fuel

reloads for the modernised Arak reactor.

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All spent fuel from the redesigned Arak reactor, regardless of its origin, for the

lifetime of the reactor, will be shipped out of Iran to a mutually determined

location in E3/EU+3 countries or third countries, for further treatment or

disposition as provided for in relevant contracts to be concluded, consistent

with national laws, with the recipient party, within one year from the

unloading from the reactor or whenever deemed to be safe for transfer by the

recipient country.

Iran will submit the DIQ of the redesigned reactor to the IAEA which will

include information on the planned radio-isotope production and reactor

operation programme. The reactor will be operated under IAEA monitoring.

Iran will operate the Fuel Manufacturing Plant only to produce fuel assemblies

for light water reactors and reloads for the modernized Arak reactor.

**C.**

**D.**

**E.**

**HEAVY WATER PRODUCTION PLANT**

14. All excess heavy water which is beyond Iran’s needs for the modernised Arak

research reactor, the Zero power heavy water reactor, quantities needed for

medical research and production of deuterate solutions and chemical

compounds including, where appropriate, contingency stocks, will be made

available for export to the international market based on international prices

and delivered to the international buyer for 15 years. Iran’s needs, consistent

with the parameters above, are estimated to be 130 metric tonnes of nuclear

grade heavy water or its equivalent in different enrichments prior to

commissioning of the modernised Arak research reactor, and 90 metric tonnes

after the commissioning, including the amount contained in the reactor.

15. Iran will inform the IAEA about the inventory and the production of the

HWPP and will allow the IAEA to monitor the quantities of the heavy water

stocks and the amount of heavy water produced, including through IAEA

visits, as requested, to the HWPP.

**OTHER REACTORS**

16. Consistent with its plan, Iran will keep pace with the trend of international

technological advancement in relying only on light water for its future nuclear

power and research reactors with enhanced international cooperation including

assurances of supply of necessary fuel.

17. Iran intends to ship out all spent fuel for all future and present nuclear power

and research reactors, for further treatment or disposition as provided for in

relevant contracts to be concluded consistent with national laws with the

recipient party.

**SPENT FUEL REPROCESSING ACTIVITIES**

18. For 15 years Iran will not, and does not intend to thereafter, engage in any

spent fuel reprocessing or spent fuel reprocessing R&D activities. For the

purpose of this annex, spent fuel includes all types of irradiated fuel.

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For 15 years Iran will not, and does not intend to thereafter, reprocess spent

fuel except for irradiated enriched uranium targets for production of radio-

isotopes for medical and peaceful industrial purposes.

For 15 years Iran will not, and does not intend to thereafter, develop, acquire

or build facilities capable of separation of plutonium, uranium or neptunium

from spent fuel or from fertile targets, other than for production of radio-

isotopes for medical and peaceful industrial purposes.

For 15 years, Iran will only develop, acquire, build, or operate hot cells

(containing a cell or interconnected cells), shielded cells or shielded glove

boxes with dimensions less than 6 cubic meters in volume compatible with the

specifications set out in Annex I of the Additional Protocol. These will be co-

located with the modernised Arak research reactor, the Tehran Research

Reactor, and radio-medicine production complexes, and only capable of the

separation and processing of industrial or medical isotopes and non-destructive

PIE. The needed equipment will be acquired through the procurement

mechanism established by this JCPOA. For 15 years, Iran will develop,

acquire, build, or operate hot cells (containing a cell or interconnected cells),

shielded cells or shielded glove boxes with dimensions beyond 6 cubic meters

in volume and specifications set out in Annex I of the Additional Protocol,

only after approval by the Joint Commission.

The E3/EU+3 are ready to facilitate all of the destructive and non-destructive

examinations on fuel elements and/or fuel assembly prototypes including PIE

for all fuel fabricated in or outside Iran and irradiated in Iran, using their

existing facilities outside Iran. Except for the Arak research reactor complex,

Iran will not develop, build, acquire or operate hot cells capable of performing

PIE or seek to acquire equipment to build/develop such a capability, for

15 years.

For 15 years, in addition to continuing current fuel testing activities at the

TRR, Iran will undertake non-destructive post irradiation examination (PIE) of

fuel pins, fuel assembly prototypes and structural materials. These

examinations will be exclusively at the Arak research reactor complex.

However, the E3/EU+3 will make available their facilities to conduct

destructive testing with Iranian specialists, as agreed. The hot cells at the Arak

research reactor in which non-destructive PIE are performed will not be

physically interconnected to cells that process or handle materials for the

production of medical or industrial radioisotopes.

For 15 years, Iran will not engage in producing or acquiring plutonium or

uranium metals or their alloys, or conducting R&D on plutonium or uranium

(or their alloys) metallurgy, or casting, forming, or machining plutonium or

uranium metal.

Iran will not produce, seek, or acquire separated plutonium, highly enriched

uranium (defined as 20% or greater uranium-235), or uranium-233, or

neptunium-237 (except for use as laboratory standards or in instruments using

neptunium-237) for 15 years.

If Iran seeks to initiate R&D on uranium metal based TRR fuel in small agreed

quantities after 10 years and before 15 years, Iran will present its plan to, and

seek approval by, the Joint Commission.

**F.**

**G.**

**ENRICHMENT CAPACITY**

27. Iran will keep its enrichment capacity at no more than 5060 IR-1 centrifuge

machines in no more than 30 cascades in their current configurations in

currently operating units at the Natanz Fuel Enrichment Plant (FEP) for

10 years.

28. Iran will keep its level of uranium enrichment at up to 3.67 percent for

15 years.

29. Iran will remove the following excess centrifuges and infrastructure not

associated with 5060 IR-1 centrifuges in FEP, which will be stored at Natanz

in Hall B of FEP under IAEA continuous monitoring:

29.1. All excess centrifuge machines, including IR-2m centrifuges. Excess IR-1

centrifuges will be used for the replacement of failed or damaged centrifuges

of the same type on a one-for-one basis.

29.2. UF6 pipework including sub headers, valves and pressure transducers at

cascade level, and frequency inverters, and UF6 withdrawal equipment from

one of the withdrawal stations, which is currently not in service, including its

vacuum pumps and chemical traps.

30. For the purpose of this Annex, the IAEA will confirm through the established

practice the failed or damaged status of centrifuge machines before removal.

31. For 15 years, Iran will install gas centrifuge machines, or enrichment-related

infrastructure, whether suitable for uranium enrichment, research and

development, or stable isotope enrichment, exclusively at the locations and for

the activities specified under this JCPOA.

**CENTRIFUGES RESEARCH AND DEVELOPMENT**

32. Iran will continue to conduct enrichment R&D in a manner that does not

accumulate enriched uranium. For 10 years and consistent with its enrichment

R&D plan, Iran’s enrichment R&D with uranium will only include IR-4, IR-5,

IR-6 and IR-8 centrifuges. Mechanical testing on up to two single centrifuges

for each type will be carried out only on the IR-2m, IR-4, IR-5, IR-6, IR-6s,

IR-7 and IR-8. Iran will build or test, with or without uranium, only those gas

centrifuges specified in this JCPOA.

33. Consistent with its plan, Iran will continue working with the 164-machine

IR-2m cascade at PFEP in order to complete the necessary tests until

30 November 2015 or the day of implementation of this JCPOA, whichever

comes later, and after that it will take these machines out of the PFEP and

store them under IAEA continuous monitoring at Natanz in Hall B of FEP.

34. Consistent with its plan, Iran will continue working with the 164-machine IR-4

cascade at PFEP in order to complete the necessary tests until 30 November

2015 or the day of implementation of this JCPOA, whichever comes later, and

after that it will take these machines out of the PFEP and store them under

IAEA continuous monitoring at Natanz in Hall B of FEP.

35. Iran will continue the testing of a single IR-4 centrifuge machine and IR-4

centrifuge cascade of up to 10 centrifuge machines for 10 years.

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Iran will test a single IR-5 centrifuge machine for 10 years.

Iran will continue testing of the IR-6 on single centrifuge machines and its

intermediate cascades and will commence testing of up to 30 centrifuge

machines from one and a half years before the end of year 10. Iran will

proceed from single centrifuge machines and small cascades to intermediate

cascades in a logical sequence.

Iran will commence, upon start of implementation of the JCPOA, testing of the

IR-8 on single centrifuge machines and its intermediate cascades and will

commence the testing of up to 30 centrifuges machines from one and a half

years before the end of year 10. Iran will proceed from single centrifuges to

small cascades to intermediate cascades in a logical sequence.

For 10 years, Iran, consistent with the established practice, will recombine the

enriched and depleted streams from the IR-6 and IR-8 cascades through the

use of welded pipework on withdrawal main headers in a manner that

precludes the withdrawal of enriched and depleted uranium materials and

verified by the IAEA.

For 15 years, Iran will conduct all testing of centrifuges with uranium only at

the PFEP. Iran will conduct all mechanical testing of centrifuges only at the

PFEP and the Tehran Research Centre.

For the purpose of adapting PFEP to the R&D activities in the enrichment and

enrichment R&D plan, Iran will remove all centrifuges except those needed for

testing as described in the relevant paragraphs above, except for the IR-1

cascade (No. 1) as described below. For the full IR-1 cascade (No. 6), Iran will

modify associated infrastructure by removing UF6 pipework, including

sub-headers, valves and pressure transducers at cascade level, and frequency

inverters. The IR-1 cascade (No. 1) centrifuges will be kept but made

inoperable, as verified by the IAEA, through the removal of centrifuge rotors

and the injection of epoxy resin into the sub headers, feeding, product, and

tails pipework, and the removal of controls and electrical systems for vacuum,

power and cooling. Excess centrifuges and infrastructure will be stored at

Natanz in Hall B of FEP under IAEA continuous monitoring. The R&D space

in line No. 6 will be left empty until Iran needs to use it for its R&D

programme.

Consistent with the activities in the enrichment and enrichment R&D plan,

Iran will maintain the cascade infrastructure for testing of single centrifuges

and small and intermediate cascades in two R&D lines (No. 2 and No. 3) and

will adapt two other lines (No. 4 and No. 5) with infrastructure similar to that

for lines No. 2 and No. 3 in order to enable future R&D activities as specified

in this JCPoA. Adaptation will include modification of all UF6 pipework

(including removal of all sub headers except as agreed as needed for the R&D

programme) and associated instrumentation to be compatible with single

centrifuges and small and intermediate cascade testing instead of full scale

testing.

Consistent with its plan and internationally established practices, Iran intends

to continue R&D on new types of centrifuges through computer modelling and

simulations, including at universities. For any such project to proceed to a

prototype stage for mechanical testing within 10 years, a full presentation to,

and approval by, the Joint Commission is needed.

**H. FORDOW FUEL ENRICHMENT PLANT**

44. The Fordow Fuel Enrichment Plant (FFEP) will be converted into a nuclear,

physics, and technology centre and international collaboration will be

encouraged in agreed areas of research. The Joint Commission will be

informed in advance of the specific projects that will be undertaken at Fordow.

45. Iran will not conduct any uranium enrichment or any uranium enrichment

related R&D and will have no nuclear material at the Fordow Fuel Enrichment

Plant (FFEP) for 15 years.

46. For 15 years, Iran will maintain no more than 1044 IR-1 centrifuge machines

at one wing of the FFEP of which:

46.1. Two cascades that have not experienced UF6 before will be modified for

the production of stable isotopes. The transition to stable isotope

production of these cascades at FFEP will be conducted in joint

partnership between the Russian Federation and Iran on the basis of

arrangements to be mutually agreed upon. To prepare these two cascades

for installation of a new cascade architecture appropriate for stable

isotope production by the joint partnership, Iran will remove the

connection to the UF6 feed main header, and move cascade UF6

pipework (except for the dump line in order to maintain vacuum) to

storage in Fordow under IAEA continuous monitoring. The Joint

Commission will be informed about the conceptual framework of stable

isotope production at FFEP.

46.2. For four cascades with all associated infrastructure remaining except for

pipework that enables crossover tandem connections, two will be placed

in an idle state, not spinning. The other two cascades will continue to

spin until the transition to stable isotope production described in the

previous subparagraph has been completed. Upon completion of the

transition to stable isotope production described in the previous

subparagraph, these two spinning cascades will be placed in an idle state,

not spinning.

47. Iran will:

47.1. remove the other 2 cascades of IR-1 centrifuges from this wing, by

removing all centrifuges and cascade UF6 pipework, including

sub-headers, valves and pressure transducers at cascade level, and

frequency inverters.

47.2. also subsequently remove cascade electrical cabling, individual cascade

control cabinets and vacuum pumps. All these excess centrifuges and

infrastructure will be stored at Natanz in Hall B of FEP under IAEA

continuous monitoring.

48. Iran will:

48.1. remove all excess centrifuges and uranium enrichment related

infrastructure from the other wing of the FFEP. This will include removal

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of all centrifuges and UF6 pipework, including sub headers, valves and

pressure gauges and transducers, and frequency inverters and converters,

and UF6 feed and withdrawal stations.

48.2. also subsequently remove cascade electrical cabling, individual cascade

control cabinets, vacuum pumps and centrifuge mounting blocks. All

these excess centrifuges and infrastructure will be stored at Natanz in

Hall B of FEP under IAEA continuous monitoring.

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Centrifuges from the four idle cascades may be used for the replacement of

failed or damaged centrifuges in stable isotope production at Fordow.

Iran will limit its stable isotope production activities with gas centrifuges to

the FFEP for 15 years and will use no more than 348 IR-1 centrifuges for these

activities at the FFEP. The associated R&D activities in Iran will occur at the

FFEP and at Iran’s declared and monitored centrifuge manufacturing facilities

for testing, modification and balancing these IR-1 centrifuges.

The IAEA will establish a baseline for the amount of uranium legacy from past

enrichment operations that will remain in Fordow. Iran will permit the IAEA

regular access, including daily as requested by the IAEA, access to the FFEP

in order to monitor Iran’s production of stable isotopes and the absence of

undeclared nuclear material and activities at the FFEP for 15 years.

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**J.**

**OTHER ASPECTS OF ENRICHMENT**

52. Iran will abide by its voluntary commitments as expressed in its own long term

enrichment and enrichment R&D plan to be submitted as part of the initial

declaration described in Article 2 of the Additional Protocol. 1 The IAEA will

confirm on an annual basis, for the duration of the plan that the nature and

scope and scale of Iran’s enrichment and enrichment R&D activities are in line

with this plan.

53. Iran will start to install necessary infrastructure for the IR-8 at Natanz in Hall

B of FEP after year 10.

54. An agreed template for describing different centrifuge types (IR-1, IR-2m, IR-4,

IR-5, IR-6, IR-6s, IR-7, IR-8) and the associated definitions need to be

accomplished by implementation day.

55. An agreed procedure for measuring IR-1, IR-2m and IR-4 centrifuge

performance data needs to be accomplished by implementation day.

**URANIUM STOCKS AND FUELS**

56. Iran will maintain a total enriched uranium stockpile of no more than 300 kg

of up to 3.67% enriched uranium hexafluoride (or the equivalent in different

chemical forms) for 15 years.

57. All enriched uranium hexafluoride in excess of 300 kg of up to 3.67%

enriched UF6 (or the equivalent in different chemical forms) will be down

blended to natural uranium level or be sold on the international market and

delivered to the international buyer in return for natural uranium delivered to

Iran. Iran will enter into a commercial contract with an entity outside Iran for

the purchase and transfer of its enriched uranium stockpile in excess of 300 kg

UF6 in return for natural uranium delivered to Iran. The E3/EU+3 will

facilitate, where applicable, the conclusion and implementation of this

contract. Iran may choose to seek to sell excess enriched uranium to the IAEA

fuel bank in Kazakhstan when the fuel bank becomes operational.

58. All uranium oxide enriched to between 5% and 20% will be fabricated into

fuel plates for the Tehran Research Reactor or transferred, based on a

commercial transaction, outside of Iran or diluted to an enrichment level of

3.67% or less. Scrap oxide and other forms not in plates that cannot be

fabricated into TRR fuel plates will be transferred, based on a commercial

transaction, outside of Iran or diluted to an enrichment level of 3.67% or less.

In case of future supply of 19.75% enriched uranium oxide (U3O8) for TRR

fuel plates fabrication, all scrap oxide and other forms not in plates that cannot

be fabricated into TRR fuel plates, containing uranium enriched to between

5% and 20%, will be transferred, based on a commercial transaction, outside

of Iran or diluted to an enrichment level of 3.67% or less within 6 months of

its production. Scrap plates will be transferred, based on a commercial

transaction, outside Iran. The commercial transactions should be structured to

return an equivalent amount of natural uranium to Iran. For 15 years, Iran will

not build or operate facilities for converting fuel plates or scrap back to UF6.

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Iran will permit the IAEA to share the content of the enrichment and enrichment R&D plan, as

submitted as part of the initial declaration, with the Joint Commission participants.

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Russian designed, fabricated and licensed fuel assemblies for use in Russian-

supplied reactors in Iran do not count against the 300 kg UF6 stockpile limit.

Enriched uranium in fabricated fuel assemblies from other sources outside of

Iran for use in Iran’s nuclear research and power reactors, including those

which will be fabricated outside of Iran for the initial fuel load of the

modernised Arak research reactor, which are certified by the fuel supplier and

the appropriate Iranian authority to meet international standards, will not count

against the 300 kg UF6 stockpile limit. The Joint Commission will establish a

Technical Working Group with the goal of enabling fuel to be fabricated in

Iran while adhering to the agreed stockpile parameters (300 kg of up to 3.67 %

enriched UF6 or the equivalent in different chemical forms). This Technical

Working Group will also, within one year, work to develop objective technical

criteria for assessing whether fabricated fuel and its intermediate products can

be readily converted to UF6. Enriched uranium in fabricated fuel assemblies

and its intermediate products manufactured in Iran and certified to meet

international standards, including those for the modernised Arak research

reactor, will not count against the 300 kg UF6 stockpile limit provided the

Technical Working Group of the Joint Commission approves that such fuel

assemblies and their intermediate products cannot be readily reconverted into

UF6. This could for instance be achieved through impurities (e.g. burnable

poisons or otherwise) contained in fuels or through the fuel being in a

chemical form such that direct conversion back to UF6 would be technically

difficult without dissolution and purification. The objective technical criteria

will guide the approval process of the Technical Working Group. The IAEA

will monitor the fuel fabrication process for any fuel produced in Iran to verify

that the fuel and intermediate products comport with the fuel fabrication

process that was approved by the Technical Working Group. The Joint

Commission will also support assistance to Iran including through IAEA

technical cooperation as appropriate, in meeting international qualification

standards for nuclear fuel produced by Iran.

Iran will seek to enter into a commercial contract with entities outside Iran for

the purchase of fuel for the TRR and enriched uranium targets. The E3/EU+3

will facilitate, as needed, the conclusion and implementation of this contract.

In the case of lack of conclusion of a contract with a fuel supplier, E3/EU+3

will supply a quantity of 19.75% enriched uranium oxide (U3O8) and deliver

to Iran, exclusively for the purpose of fabrication in Iran of fuel for the TRR

and enriched uranium targets for the lifetime of the reactor. This 19.75%

enriched uranium oxide (U3O8) will be supplied in increments no greater than

approximately 5 kg and each new increment will be provided only when the

previous increment of this material has been verified by the IAEA to have

been mixed with aluminum to make fuel for the TRR or fabricated into

enriched uranium targets. Iran will notify the E3/EU+3 within 2 year before

the contingency of TRR fuel will be exhausted in order to have the uranium

oxide available 6 months before the end of the 2 year period.

**K.**

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**CENTRIFUGE MANUFACTURING**

61. Consistent with its enrichment and enrichment R&D plan, Iran will only

engage in production of centrifuges, including centrifuge rotors suitable for

isotope separation or any other centrifuge components, to meet the enrichment

and enrichment R&D requirements of this Annex.

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63.

Consistent with its plan, Iran will use the stock of IR-1 centrifuge machines in

storage, which are in excess of the remaining 5060 IR-1 centrifuges in Natanz

and the IR-1 centrifuges installed at Fordow, for the replacement of failed or

damaged machines. Whenever during the 10 year period from the start of the

implementation of the JCPOA, the level of stock of IR-1 machines falls to 500

or below, Iran may maintain this level of stock by resuming production of IR-1

machines at a rate up to the average monthly crash rate without exceeding the

stock of 500.

Consistent with its plan, at the end of year 8, Iran will commence

manufacturing of IR-6 and IR-8 centrifuges without rotors through year 10 at a

rate of up to 200 centrifuges per year for each type. After year 10, Iran will

produce complete centrifuges with the same rate to meet its enrichment and

enrichment R&D needs. Iran will store them at Natanz in an above ground

location, under IAEA continuous monitoring, until they are needed for final

assembly according to the enrichment and enrichment R&D plan.

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**ADDITIONAL PROTOCOL AND MODIFIED CODE 3.1**

64. Iran will notify the IAEA of provisional application of the Additional Protocol

to its Safeguards Agreement in accordance with Article 17(b) of the Additional

Protocol pending its entry into force, and subsequently seek ratification and

entry into force, consistent with the respective roles of the President and the

Majlis (Parliament).

65. Iran will notify the IAEA that it will fully implement the Modified Code 3.1 of

the Subsidiary Arrangement to Iran’s Safeguards Agreement as long as the

Safeguards Agreement remains in force.

**PAST AND PRESENT ISSUES OF CONCERN**

66. Iran will complete all activities as set out in paragraphs 2, 4, 5, and 6 of the

“Roadmap for Clarification of Past and Present Outstanding Issues”, as

verified by the IAEA in its regular updates by the Director General of the

IAEA on the implementation of this Roadmap.

**MODERN TECHNOLOGIES AND LONG TERM PRESENCE OF IAEA**

67. For the purpose of increasing the efficiency of monitoring for this JCPOA, for

15 years or longer, for the specified verification measures:

67.1. Iran will permit the IAEA the use of on-line enrichment measurement

and electronic seals which communicate their status within nuclear sites

to IAEA inspectors, as well as other IAEA approved and certified

modern technologies in line with internationally accepted IAEA practice.

Iran will facilitate automated collection of IAEA measurement

recordings registered by installed measurement devices and sending to

IAEA working space in individual nuclear sites.

67.2. Iran will make the necessary arrangements to allow for a long-term IAEA

presence, including issuing long-term visas, as well as providing proper

working space at nuclear sites and, with best efforts, at locations near

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nuclear sites in Iran for the designated IAEA inspectors for working and

keeping necessary equipment.

67.3. Iran will increase the number of designated IAEA inspectors to the range

of 130-150 within 9 months from the date of the implementation of the

JCPOA, and will generally allow the designation of inspectors from

nations that have diplomatic relations with Iran, consistent with its laws

and regulations.

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**TRANSPARENCY RELATED TO URANIUM ORE CONCENTRATE (UOC)**

68. Iran will permit the IAEA to monitor, through agreed measures that will

include containment and surveillance measures, for 25 years, that all uranium

ore concentrate produced in Iran or obtained from any other source, is

transferred to the uranium conversion facility (UCF) in Esfahan or to any other

future uranium conversion facility which Iran might decide to build in Iran

within this period.

69. Iran will provide the IAEA with all necessary information such that the IAEA

will be able to verify the production of the uranium ore concentrate and the

inventory of uranium ore concentrate produced in Iran or obtained from any

other source for 25 years.

**TRANSPARENCY RELATED TO ENRICHMENT**

70. For 15 years, Iran will permit the IAEA to implement continuous monitoring,

including through containment and surveillance measures, as necessary, to

verify that stored centrifuges and infrastructure remain in storage, and are only

used to replace failed or damaged centrifuges, as specified in this Annex.

71. Iran will permit the IAEA regular access, including daily access as requested

by the IAEA, to relevant buildings at Natanz, including all parts of the FEP

and PFEP, for 15 years.

72. For 15 years, the Natanz enrichment site will be the sole location for all of

Iran’s uranium enrichment related activities including safeguarded R&D.

73. Iran intends to apply nuclear export policies and practices in line with the

internationally established standards for the export of nuclear material,

equipment and technology. For 15 years, Iran will only engage, including

through export of any enrichment or enrichment related equipment and

technology, with any other country, or with any foreign entity in enrichment or

enrichment related activities, including related research and development

activities, following approval by the Joint Commission.

**ACCESS**

74. Requests for access pursuant to provisions of this JCPOA will be made in

good faith, with due observance of the sovereign rights of Iran, and kept to the

minimum necessary to effectively implement the verification responsibilities

under this JCPOA. In line with normal international safeguards practice, such

requests will not be aimed at interfering with Iranian military or other national

security activities, but will be exclusively for resolving concerns regarding

fulfilment of the JCPOA commitments and Iran’s other non-proliferation and

safeguards obligations. The following procedures are for the purpose of

JCPOA implementation between the E3/EU+3 and Iran and are without

prejudice to the safeguards agreement and the Additional Protocol thereto. In

implementing this procedure as well as other transparency measures, the IAEA

will be requested to take every precaution to protect commercial, technological

and industrial secrets as well as other confidential information coming to its

knowledge.

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In furtherance of implementation of the JCPOA, if the IAEA has concerns

regarding undeclared nuclear materials or activities, or activities inconsistent

with the JCPOA, at locations that have not been declared under the

comprehensive safeguards agreement or Additional Protocol, the IAEA will

provide Iran the basis for such concerns and request clarification.

If Iran’s explanations do not resolve the IAEA’s concerns, the Agency may

request access to such locations for the sole reason to verify the absence of

undeclared nuclear materials and activities or activities inconsistent with the

JCPOA at such locations. The IAEA will provide Iran the reasons for access in

writing and will make available relevant information.

Iran may propose to the IAEA alternative means of resolving the IAEA’s

concerns that enable the IAEA to verify the absence of undeclared nuclear

materials and activities or activities inconsistent with the JCPOA at the

location in question, which should be given due and prompt consideration.

If the absence of undeclared nuclear materials and activities or activities

inconsistent with the JCPOA cannot be verified after the implementation of the

alternative arrangements agreed by Iran and the IAEA, or if the two sides are

unable to reach satisfactory arrangements to verify the absence of undeclared

nuclear materials and activities or activities inconsistent with the JCPOA at the

specified locations within 14 days of the IAEA’s original request for access,

Iran, in consultation with the members of the Joint Commission, would resolve

the IAEA’s concerns through necessary means agreed between Iran and the

IAEA. In the absence of an agreement, the members of the Joint Commission,

by consensus or by a vote of 5 or more of its 8 members, would advise on the

necessary means to resolve the IAEA’s concerns. The process of consultation

with, and any action by, the members of the Joint Commission would not

exceed 7 days, and Iran would implement the necessary means within

3 additional days.

**R. CENTRIFUGE COMPONENT MANUFACTURING TRANSPARENCY**

79. Iran and the IAEA will take the necessary steps for containment and

surveillance on centrifuge rotor tubes and bellows for 20 years.

80. In this context:

80.1. Iran will provide the IAEA with an initial inventory of all existing

centrifuge rotor tubes and bellows and subsequent reports on changes in

such inventory and will permit the IAEA to verify the inventory by item

counting and numbering, and through containment and surveillance, of

all rotor tubes and bellows, including in all existing and newly produced

centrifuges.

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80.2. Iran will declare all locations and equipment, namely flow-forming

machines, filament-winding machines and mandrels that are used for

production of centrifuge rotor tubes or bellows, and will permit the IAEA

to implement continuous monitoring, including through containment and

surveillance on this equipment, to verify that this equipment is being

used to manufacture centrifuges only for the activities specified in this

JCPOA.

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**T.**

**OTHER URANIUM ISOTOPE SEPARATION ACTIVITIES**

81. For 10 years, Iran’s uranium isotope separation-related research and

development or production activities will be exclusively based on gaseous

centrifuge technology. 2 Iran will permit IAEA access to verify that uranium

isotope separation production and R&D activities are consistent with this

Annex.

**ACTIVITIES WHICH COULD CONTRIBUTE TO THE DESIGN AND**

**DEVELOPMENT OF A NUCLEAR EXPLOSIVE DEVICE**

82. Iran will not engage in the following activities which could contribute to the

development of a nuclear explosive device:

82.1. Designing, developing, acquiring, or using computer models to simulate

nuclear explosive devices.

82.2. Designing, developing, fabricating, acquiring, or using multi-point

explosive detonation systems suitable for a nuclear explosive device,

unless approved by the Joint Commission for non-nuclear purposes and

subject to monitoring.

82.3. Designing, developing, fabricating, acquiring, or using explosive diagnostic

systems (streak cameras, framing cameras and flash x-ray cameras) suitable

for the development of a nuclear explosive device, unless approved by the

Joint Commission for non-nuclear purposes and subject to monitoring.

82.4. Designing, developing, fabricating, acquiring, or using explosively driven

neutron sources or specialized materials for explosively driven neutron

sources.

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For the purpose of this Annex, non-gaseous centrifuge uranium isotope separation-related

research and development or production will include laser isotope separation systems,

electromagnetic isotope separation systems, chemical exchange systems, gaseous diffusion

systems, vortex and aerodynamic systems, and other such processes that separate uranium

isotopes.

**Attachment: Arak conceptual design**

**Fundamental Principles:**

• Maximize use of the current infrastructure of original design of Arak research

reactor, designated by the IAEA as IR-40, according to their respective ratings.

• Modernizing of the original design in order to be a multi-purpose research

reactor comprising radio-isotope production, structural materials and fuel (pins

and assembly prototypes) testing and able to conduct other neutronic

experiments which demand high neutron fluxes (more than 10 14 ).

• Using heavy water as coolant, moderator and reflector. Light water would be

utilized as an annular ring around the compact new core for safety reasons if

necessary.

• Around 78 fuel assemblies in a tight hexagonal grid spacing with the following

preliminary characteristics will be loaded.

• Up to 3.67 percent enriched UO 2 , in the improved assembly design, will be

used as fuel.

• Power will not exceed to 20 MWth.

• Adding different types of beam tubes to the existing beam tubes which being

extended to the edge of the new compact core.

• Having one central channel in the center of the new core with passive cooling

system for the purpose of structural materials and fuel pins and assembly

prototypes testing with neutron flux beyond 2•10 14 , twelve in-core irradiation

channels (IIC) inside the core and twelve lateral irradiation chennals (LIC) just

next to the outer ring of fuel assemblies.

• The location of the in-core and lateral irradiation channels should be designed

and fixed to meet the best anticipated performances.

• Consistent with relevant section of Annex 1, subsidiary laboratories are part of

the modernization project of the Arak Research Reactor. In Addition, Annex III

reinforce design and construction of subsidiary laboratories.

• The highest tolerable pressure for the first and second loop is 0.33 Mpa (at the

interance of the reactor pit).

• The highest possible flow rate for coolant is 610 kg/s at the pressure of

0.33 MPa in the main piping system and 42 Kg/sec for Moderator with the

same conditions.

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**Preliminary Characteristics:**

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|  |  |
| --- | --- |
| **Core Parameters** | **Values** |
| Power (MW) | 20 |
| Number of fuel assemblies | ~ 78 |
| Active length (cm) | ~ 110 |
| Lattice configuration | Hexagonal |
| Fuel pellets Material | UO 2 |
| Fuel enrichment level | Up to 3.67 % |
| Clad material | Zr Alloys |
| Burnable poison | Yes, if necessary |
| Lattice pitch (cm) | ~ 11 |
| Coolant medium | D 2 O |
| Moderator medium | D 2 O |
| Reflector medium | D 2 O |
| Reflector thickness (cm) | ~ 50 |
| Purity of D2O | ~ 99.8% |
| Mass of D2O (mtons) | ~ 60-70 |
| Yearly makeup | Yes |
| K eff | < 1.25 |
| Core Excess reactivity (pcm) | < 20000 |
| Cycle length (days) approximatly | ~ 250 |
| 239  Pu at EoC (g) | ~ 850 |
| 239  Pu purity at EoC | ~ 78% |
| 235  U consumption | ~ 60% |
| Maximum Thermal Flux, E<0.625ev | ~ 3•10 14 |
| Maximum Fast Flux, E>0.625ev | ~ 1•10 14 |
| Minimum Thermal Flux, E<0.625ev | ~ 1•10 14 |
| Minimum Fast Flux, E>0.625ev | ~ 1•10 14 |
| Fluid velocity in channels (m/s) | ~ 3.8 |
| Channel mass flow rate (kg/s) | ~ 2.4 |
| Working pressure (MPa) | 0.33 |
| Fluid inlet temperature ( o C) | ~ 47 |
| Fluid outlet temperature ( o C) | ~ 78 |
| Core material | Mainly S.S. 304 |
| Core wall Thichness (mm) | ~ 30 |
| Fuel Pellet Diameter (cm) | ~ 0.65 |
| Inner Clad Diameter (cm) | ~ 0.67 |
| Outer Clad Diameter (cm) | ~ 0.8 |
| Number of pins per assembly | 12 |
| Mass of UO2 in full core load (Kg) | ~ 350 |
| Core diameter (cm) | ~ 240 |

**JCPOA Annex II – Sanctions-related commitments**

The sequence of implementation of the commitments detailed in this Annex is

specified in Annex V (Implementation Plan) to this Joint Comprehensive Plan of

Action (JCPOA).

**European Union**1

**1.**

**1.1.**

1.1.1

The EU and EU Member States commit to terminate all provisions of Council

Regulation (EU) No 267/2012 (as subsequently amended) implementing all

nuclear-related sanctions or restrictive measures as specified in Sections

1.1-1.10 below, to terminate all provisions of Council Decision

2010/413/CFSP (as subsequently amended), as specified in Sections 1.1-1.10

below, and to terminate or amend national implementing legislation as

required, in accordance with Annex V:

**Financial, banking and insurance measures**2

Prohibition and authorisation regimes on financial transfers to and from Iran

(Article 10 of Council Decision 2010/413/CFSP; Articles 30, 30a, 30b and

31 of Council Regulation (EU) No 267/2012);

1.1.2.

1.1.3.

1.1.4.

1.1.5.

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1.1.7.

1.1.8.

Sanctions on banking activities (Article 11 of Council Decision

2010/413/CFSP; Article 33 of Council Regulation (EU) No 267/2012);

Sanctions on insurance (Article 12 of Council Decision 2010/413/CFSP;

Article 35 of Council Regulation (EU) No 267/2012);

Sanctions on financial messaging services (Article 20(12) of Council

Decision 2010/413/CFSP; Article 23(4) of Council Regulation (EU)

No 267/2012);

Sanctions on financial support for trade with Iran (Article 8 of Council

Decision 2010/413/CFSP);

Sanctions on grants, financial assistance and concessional loans (Article 9

of Council Decision 2010/413/CFSP);

Sanctions on Government of Iran public-guaranteed bonds (Article 13 of

Council Decision 2010/413/CFSP; Article 34 of Council Regulation (EU)

No 267/2012); and

Sanctions on associated services 3 for each of the categories above (see the

references above).

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For the purposes of EU legislation, “Iranian person, entity or body” means:

(i) the State of Iran or any public authority thereof;

(ii) any natural person in, or resident in, Iran;

(iii) any legal person, entity or body having its registered office in Iran;

(iv) any legal person, entity or body, inside or outside Iran, owned or controlled directly or

indirectly by one or more of the above mentioned persons or bodies.

The headings and subheadings in this Annex are for descriptive purposes only.

For the purposes of this Annex, the term “associated services” means any service – including

technical assistance, training, insurance, re-insurance, brokering, transportation or financial

service – necessary and ordinarily incident to the underlying activity for which sanctions have

been lifted pursuant to this JCPOA.

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**1.2.**

1.2.1.

1.2.2.

1.2.3.

**Oil, gas and petrochemical sectors**

Sanctions on the import of oil and gas from Iran (Articles 3a, 3c and 3e of

Council Decision 2010/413/CFSP; Articles 11, 12 and 14a, and Annexes IV

and IVA of Council Regulation (EU) No 267/2012);

Sanctions on the import of Iranian petrochemical products (Articles 3b and

3d of Council Decision 2010/413/CFSP; Articles 13 and 14, and Annex V of

Council Regulation (EU) No 267/2012);

Sanctions on the export of key equipment for the oil, gas and petrochemical

sectors (Articles 4, 4a and 4b of Council Decision 2010/413/CFSP; Articles

8, 9 and 10, and Annexes VI and VIA of Council Regulation (EU) No

267/2012);

1.2.4. Sanctions on investment in the oil, gas and petrochemical sectors (Articles

6, 6a and 7 of Council Decision 2010/413/CFSP; Articles 17(1), 17(2)(b) and

(c), 17(3), 17(4), 17(5), 20 and 21 of Council Regulation (EU) No 267/2012);

and

1.2.5.

**1.3.**

1.3.1.

1.3.2.

1.3.3.

**1.4.**

1.4.1.

1.4.2.

**1.5.**

1.5.1.

1.5.2.

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Sanctions on associated services for each of the categories above (see the

references above).

**Shipping, shipbuilding and transport sectors**

Sanctions related to shipping and shipbuilding (Articles 4g, 4h, 8a, 18a and

18b of Council Decision 2010/413/CFSP; Articles 10a, 10b, 10c, 37a, and

37b, and Annex VIB of Council Regulation (EU) No 267/2012);

Sanctions related to the transport sector (Articles 15, 16, 17 and 18 of

Council Decision 2010/413/CFSP; Articles 36 and 37 of Council Regulation

(EU) No 267/2012); and

Sanctions on associated services for each of the categories above (see the

references above).

**Gold, other precious metals, banknotes and coinage**

Sanctions on gold, precious metals and diamonds, banknotes and coinage

(Articles 4c and 4d of Council Decision 2010/413/CFSP; Articles 15 and 16,

and Annex VII of Council Regulation (EU) No 267/2012); and

Sanctions on associated services for each of the categories above (see the

references above).

**Nuclear proliferation-related measures**

Sanctions related to proliferation-sensitive nuclear activities (goods and

technology, investment and specialised training) (Articles 1(1) (a), (b), (d),

(e), (2), (3) and (4), 2, 3, 5, 14 and 21 of Council Decision 2010/413/CFSP;

Articles 2, 3, 4, 5, 6,7, 17(1) and (2)(a), 18, 19 and 22, and Annexes I, II and

III of Council Regulation (EU) No 267/2012); and

Sanctions on associated services for the category above (see the references

above).

**1.6.**

1.6.1.

1.6.2.

**1.7.**

1.7.1.

1.7.2.

**1.8.**

1.8.1.

1.8.2.

**1.9.**

**Metals**

Sanctions on metals (Articles 4e and 4f of Council Decision

2010/413/CFSP; Articles 15a, 15b and 15c, and Annex VIIB of Council

Regulation (EU) No 267/2012); and

Sanctions on associated services for the category above (see the references

above).

**Software**

Sanctions on software (Articles 4i and 4j of Council Decision

2010/413/CFSP; Articles 10d, 10e and 10f, and Annex VIIA of Council

Regulation (EU) No 267/2012); and

Sanctions on associated services for the category above (see the references

above).

**Arms**

Sanctions on arms (Articles 1(1)(c), (3) and (4), and 3 of Council Decision

2010/413/CFSP; Articles 5(1)(a) and (c), 17(1) and (2)(a), and 19 of

Council Regulation (EU) No 267/2012); and

Sanctions on associated services for the category above (see the references

above).

**Listing of persons, entities and bodies (asset freeze and visa ban)**

1.9.1. Asset freeze and visa ban measures applicable to:

1.9.1.1. listed Iranian banks and financial institutions, including the Central

Bank of Iran;

1.9.1.2. listed persons, entities and bodies related to the oil, gas and

petrochemical sectors;

1.9.1.3. listed persons, entities and bodies related to shipping, shipbuilding

and transport;

1.9.1.4. other listed persons, entities and bodies not related to proliferation-

sensitive nuclear-, arms- and ballistic missile-related activities;

1.9.1.5. listed persons, entities and bodies related to proliferation-sensitive

nuclear-, arms- and ballistic missile-related activities; and

1.9.1.6. entities and individuals listed by the UN Security Council, as set

out in Attachment 1, part I to this Annex for categories 1.9.1.1-

1.9.1.4, Attachment 2, part I to this Annex for category 1.9.1.5, and

Parts II of Attachments 1 and 2 to this Annex for category 1.9.1.6

(Articles 19 and 20, and Annexes I and II to Council Decision

2010/413/CFSP; Articles 23, 24, 25, 26, 27, 28, 28a, 28b and 29,

and Annexes VIII and IX to Council Regulation (EU) No

267/2012).

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**1.10.**

1.10.1.

**Other provisions**

The commitment in Section 1 covers all remaining provisions of Council

Decision 2010/413/CFSP and Council Regulation (EU) No 267/2012 not

specified above.

1.10.1.1. Definitions (Article 1 of Council Regulation (EU) No 267/2012); and

1.10.1.2. General and final provisions (Articles 22, 23, 24, 25, 26, 26a, 27 and 28

of Council Decision 2010/413/CFSP; Articles 38, 39, 40, 41, 42, 43, 43a,

44, 45, 46, 47, 48, 49, 50 and 51, and Annex X of Council Regulation

(EU) No 267/2012).

**2.**

**3.**

3.1.

**3.2.**

3.2.1.

3.2.2.

3.2.3.

3.2.4.

3.2.5.

The EU represents that the provisions listed in Section 1 above constitute

the full and complete list of all EU nuclear-related sanctions or restrictive

measures. These sanctions or restrictive measures will be lifted in

accordance with Annex V.

**Effects of the lifting of EU economic and financial sanctions**

As a result of the lifting of sanctions specified in Section 1 above, the

following activities, including associated services, will be allowed,

beginning on implementation day, in accordance with this JCPOA and

provided that such activities are otherwise consistent with EU and EU

Member States’ laws and regulations in effect: 4

**Financial, banking and insurance measures (See Sections 1.1.1 to 1.1.8)**

Transfers of funds between EU persons, entities or bodies, including EU

financial and credit institutions, and Iranian persons, entities or bodies,

including Iranian financial and credit institutions, without the

requirement for authorisation or notification;

Opening of new branches, subsidiaries or representative offices of Iranian

banks in the territories of EU Member States; and the establishment of

new joint ventures, or the taking of an ownership interest or the

establishment of new correspondent banking relationships by Iranian

banks with EU banks; and opening by EU persons, including EU financial

and credit institutions, of representative offices, subsidiaries, joint

ventures or bank accounts in Iran;

Provision of insurance or reinsurance to Iran or the Government of Iran,

an Iranian legal person, entity or body, or a natural person or a legal

person, entity or body acting on their behalf or at their direction;

Supply of specialised financial messaging services to any Iranian natural

or legal persons, entities or bodies, including those listed in Attachment 1

to this Annex;

Entering into commitments by EU Member States to provide financial

support for trade with Iran, including the granting of export credits,

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Unless specifically provided otherwise, the sanctions lifting described in this Section does not

apply to transactions that involve persons still subject to restrictive measures and is without

prejudice to sanctions that may apply under legal provisions other than those referred to in

Section 1. Nothing in this JCPOA reflects a change in Iran’s position on EU sanctions.

guarantees or insurance; and into commitments for grants, financial

assistance and concessional loans to the Government of Iran; and

3.2.6.

**3.3.**

3.3.1.

3.3.2.

3.3.3.

**3.4.**

3.4.1.

3.4.2.

3.4.3.

3.4.4.

**3.5.**

3.5.1.

3.5.2.

Sale or purchase of public or public-guaranteed bonds to and from Iran,

the Government of Iran, the Central Bank of Iran, or Iranian banks and

financial institutions or persons acting on their behalf.

**Oil, gas and petrochemical sectors (See Sections 1.2.1 to 1.2.5)**

Import, purchase, swap or transport of Iranian crude oil and petroleum

products, natural gas or petrochemical products and related financing;

Sale, supply, transfer or export of equipment or technology, technical

assistance, including training, used in the sectors of the oil, gas and

petrochemical industries in Iran covering exploration, production and

refining of oil and natural gas, including liquefaction of natural gas, to any

Iranian person, in or outside Iran, or for use in Iran; and

Granting of any financial loan or credit to, the acquisition or extension of a

participation in, and the creation of any joint venture with, any Iranian

person that is engaged in the oil, gas and petrochemical sectors in Iran or

outside Iran.

**Shipping, shipbuilding and transport sectors (See Sections 1.3.1 to 1.3.3)**

Sale, supply, transfer or export of naval equipment and technology for ship

building, maintenance or refit, to Iran or to any Iranian persons engaged in

this sector; the design, construction or the participation in the design or

construction of cargo vessels and oil tankers for Iran or for Iranian

persons; the provision of vessels designed or used for the transport or

storage of oil and petrochemical products to Iranian persons, entities or

bodies; and the provision of flagging and classification services, including

those pertaining to technical specification, registration and identification

numbers of any kind, to Iranian oil tankers and cargo vessels;

Access to the airports under the jurisdiction of EU Member States of all

cargo flights operated by Iranian carriers or originating from Iran;

Cessation of inspection, seizure and disposal by EU Member States of

cargoes to and from Iran in their territories with regard to items which are

no longer prohibited; and

Provision of bunkering or ship supply services, or any other servicing of

vessels, to Iranian-owned or Iranian-contracted vessels not carrying

prohibited items; and the provision of fuel, engineering and maintenance

services to Iranian cargo aircraft not carrying prohibited items.

**Gold, other precious metals, banknotes and coinage (See Sections 1.4.1**

**to 1.4.2)**

Sale, supply, purchase, export, transfer or transport of gold and precious

metals as well as diamonds, and provision of related brokering, financing

and security services, to, from or for the Government of Iran, its public

bodies, corporations and agencies, or the Central Bank of Iran; and

Delivery of newly printed or minted or unissued Iranian denominated

banknotes and coinage to, or for the benefit of the Central Bank of Iran.

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**3.6.**

3.6.1.

**3.7.**

**Metals (See Sections 1.6.1 to 1.6.2)**

Sale, supply, transfer or export of graphite and raw or semi-finished metals,

such as aluminum and steel to any Iranian person, entity or body or for use

in Iran, in connection with activities consistent with this JCPOA.

**Software (See Sections 1.7.1 to 1.7.2)**

3.7.1. Sale, supply, transfer or export of software for integrating industrial

processes, including updates, to any Iranian person, entity or body, or for use

in Iran, in connection with activities consistent with this JCPOA,

**3.8. Listing of persons, entities and bodies (asset freeze and visa ban) (See**

**Section 1.9.1)**

3.8.1. As a result of delisting as specified in this Annex, releasing of all funds and

economic resources which belong to, and making available funds or

economic resources to, the persons, entities and bodies, including Iranian

banks and financial institutions, the Central Bank of Iran, listed in

Attachment 1 to this Annex; and

3.8.2. As a result of delisting as specified in this Annex, entry into, or transit

through the territories of EU Member States of individuals listed in

Attachment 1 to this Annex.

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**United States**5

**4.**

**4.1.**

The United States commits to cease the application of, and to seek such

legislative action as may be appropriate to terminate, or modify to effectuate

the termination of, all nuclear-related sanctions 6 as specified in Sections 4.1-

4.9 below, and to terminate Executive Orders 13574, 13590, 13622 and

13645, and Sections 5-7 and 15 of Executive Order 13628, in accordance

with Annex V. 7

**Financial and banking measures**

4.1.1. Sanctions on transactions with individuals and entities set out in Attachment 3

to this Annex, including: the Central Bank of Iran (CBI) and other specified

Iranian financial institutions; the National Iranian Oil Company (NIOC), 8

Naftiran Intertrade Company (NICO), National Iranian Tanker Company

(NITC) and other specified individuals and entities identified as Government

of Iran by the Office of Foreign Assets Control; and certain designated

individuals and entities on the Specially Designated Nationals and Blocked

Persons List (SDN List) (Comprehensive Iran Sanctions, Accountability, and

Divestment Act of 2010 (CISADA) Section 104(c)(2)(E)(ii)(I); National

Defense Authorization Act for Fiscal Year 2012 (NDAA) Sections 1245(d)(1)

and (3); Iran Freedom and Counter-Proliferation Act of 2012 (IFCA) Sections

1244(c)(1) and (d), 1245(a)(1)(A), (a)(1)(C)(i)(II) and (c), 1246(a) and

1247(a); Sections 1(a)(i) and 5(a) of Executive Order (E.O.) 13622 and

Sections 2(a)(i) and 3(a)(i) of E.O. 13645);

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For the purposes of U.S. legislation, “Iranian person” means (A) an individual who is a citizen or

national of Iran; and (B) an entity organised under the laws of Iran or otherwise subject to the

jurisdiction of the Government of Iran.

The sanctions that the United States will cease to apply, and subsequently terminate, or modify to

effectuate the termination of, pursuant to its commitment under Section 4 are those directed

towards non-U.S. persons. For the purposes of Sections 4 and 6-7 of this JCPOA, the term

“non-U.S. person” means any individual or entity, excluding (i) any United States citizen,

permanent resident alien, entity organised under the laws of the United States or any jurisdiction

within the United States (including foreign branches), or any person in the United States, and

(ii) any entity owned or controlled by a U.S. person. For the purposes of (ii) of the preceding

sentence, an entity is “owned or controlled” by a U.S. person if the U.S. person: (i) holds a

50 percent or greater equity interest by vote or value in the entity; (ii) holds a majority of seats

on the board of directors of the entity; or (iii) otherwise controls the actions, policies, or

personnel decisions of the entity. U.S. persons and U.S.-owned or -controlled foreign entities

will continue to be generally prohibited from conducting transactions of the type permitted

pursuant to this JCPOA, unless authorised to do so by the U.S. Department of the Treasury’s

Office of Foreign Assets Control (OFAC).

All citations to statutes and Executive orders included in this JCPOA refer to the statute or

Executive order as amended as of the conclusion date of this JCPOA, including: the Iran

Sanctions Act of 1996 (ISA), as amended by Section 102 of the Comprehensive Iran Sanctions,

Accountability, and Divestment Act of 2010 (CISADA) and Sections 201-207 and 311 of the Iran

Threat Reduction and Syria Human Rights Act of 2012 (TRA); CISADA, as amended by

Sections 214-216, 222, 224, 311-312, 402-403 and 605 of TRA and Section 1249 of the Iran

Freedom and Counter-Proliferation Act of 2012 (IFCA); the National Defense Authorization Act

for Fiscal Year 2012 (NDAA), as amended by Sections 503-504 of TRA and Section 1250 of

IFCA; Executive Order (E.O.) 13622, as amended by Section 15 of E.O. 13628 and Section 16 of

E.O. 13645. The citations listed in Section 4 include authorities under which secondary sanctions

will no longer apply as a result of actions described in Section 4.8.1.

Removal of NIOC from the SDN List, as provided for in Section 4.8.1, will include resolution of

related designations and determinations.

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4.1.2. Sanctions on the Iranian Rial (NDAA Sections 1245(d)(1) and (3); IFCA

Sections 1244(c)(1), 1246(a) and 1247(a); Section 5(a) of E.O. 13622 and

Sections 1(a), 2(a)(i) and 3(a)(i) of E.O. 13645);

4.1.3. Sanctions on the provision of U.S. banknotes to the Government of Iran

(NDAA Sections 1245(d)(1) and (3); IFCA Sections 1244(c)(1) and (d),

1246(a) and 1247(a); Section 5(a) of E.O. 13622 and Sections 2(a)(i) and

3(a)(i) of E.O. 13645);

4.1.4. Bilateral trade limitations on Iranian revenues held abroad, including

limitations on their transfer (NDAA Sections 1245(d)(1) and (3); IFCA

Sections 1244(c)(1), (d) and (h)(2), 1246(a) and 1247(a); Sections 1(a)(i)-

(ii), 2(a)(i) and 5(a) of E.O. 13622 and Sections 2(a)(i) and 3(a)(i) of E.O.

13645);

4.1.5. Sanctions on the purchase, subscription to, or facilitation of the issuance of

Iranian sovereign debt, including governmental bonds (NDAA Sections

1245(d)(1) and (3); Iran Threat Reduction and Syria Human Rights Act of

2012 (TRA) Section 213(a); IFCA Sections 1244(c)(1) and (d), 1246(a) and

1247(a); Sections 1(a)(i) and 5(a) of E.O. 13622 and Sections 2(a)(i) and

3(a)(i) of E.O. 13645);

4.1.6. Sanctions on financial messaging services to the CBI and Iranian financial

institutions set out in Attachment 3 to this Annex (NDAA Sections

1245(d)(1) and (3); TRA Section 220; IFCA Sections 1244(c)(1) and (d),

1246(a) and 1247(a); Section 5(a) of E.O. 13622 and Sections 2(a)(i) and

3(a)(i) of E.O. 13645); and

4.1.7. Sanctions on associated services 9 for each of the categories above (see

individual citation references above).

**4.2. Insurance measures**

4.2.1. Sanctions on the provision of underwriting services, insurance, or re-

insurance in connection with activities consistent with this JCPOA, including

activities with individuals and entities set forth in Attachment 3 to this Annex

(Iran Sanctions Act of 1996 (ISA) Section 5(a)(7); NDAA Sections

1245(d)(1) and (3); TRA Sections 211(a) and 212(a); IFCA Sections

1244(c)(1) and (d), 1246(a) and 1247(a); Section 5(a) of E.O. 13622 and

Sections 2(a)(i) and 3(a)(i) of E.O. 13645).

**4.3. Energy and petrochemical sectors**

4.3.1. Efforts to reduce Iran’s crude oil sales, including limitations on the quantities

of Iranian crude oil sold and the nations that can purchase Iranian crude oil

(ISA Section 5(a)(7); NDAA Sections 1245(d)(1) and (3); TRA Section

212(a); IFCA Sections 1244(c)(1) and (d), 1246(a) and 1247(a); Section 1 of

E.O. 13574, Sections 1(a)(i)-(ii), 2(a)(i) and 5(a) of E.O. 13622, Section 5 of

E.O. 13628, and Sections 2(a)(i) and 3(a)(i) of E.O. 13645);

4.3.2. Sanctions on investment, including participation in joint ventures, goods,

services, information, technology and technical expertise and support for

Iran’s oil, gas, and petrochemical sectors (ISA Sections 5(a)(1)-(2) and

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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See footnote 3 for the meaning of “associated services”.

(4)-(8); TRA Section 212(a); IFCA Sections 1244(c)(1), (d) and (h)(2),

1245(a)(1)(B), (a)(1)(C)(i)(I)-(II), (a)(1)(C)(ii)(I)-(II) and (c), 1246(a) and

1247(a); Section 1 of E.O. 13574, Section 1 of E.O. 13590, Sections 1(a)(i)-

(ii), 2(a)(i)-(iii) and 5(a) of E.O. 13622, and Sections 2(a)(i) and 3(a)(i) of

E.O. 13645);

4.3.3. Sanctions on the purchase, acquisition, sale, transportation, or marketing of

petroleum, petrochemical products and natural gas from Iran (NDAA

Sections 1245(d)(1) and (3); TRA Section 212(a); IFCA Sections 1244(c)(1),

(d) and (h)(2), 1246(a) and 1247(a); Sections 1(a)(i)-(iii), 2(a)(i)-(ii) and 5(a)

of E.O. 13622, and Sections 2(a)(i) and 3(a)(i) of E.O. 13645);

4.3.4. Sanctions on the export, sale or provision of refined petroleum products and

petrochemical products to Iran (ISA Section 5(a)(3); NDAA Sections

1245(d)(1) and (3); TRA Section 212(a); IFCA Sections 1244(c)(1) and (d),

1246(a) and 1247(a); Section 1 of E.O. 13574, Sections 1(a)(i) and 5(a) of

E.O. 13622, Section 5 of E.O. 13628, and Sections 2(a)(i) and 3(a)(i) of E.O.

13645);

4.3.5. Sanctions on transactions with Iran’s energy sector including with NIOC,

NICO and NITC (NDAA Sections 1245(d)(1) and (3); IFCA Sections

1244(c)(1), (d) and (h)(2), 1246(a) and 1247(a); TRA Section 212(a);

Sections 1(a)(i)-(iii), 2(a)(i)-(ii) and 5(a) of E.O. 13622, and Sections 2(a)(i)

and 3(a)(i) of E.O. 13645); and

4.3.6. Sanctions on associated services for each of the categories above (see

individual citation references above).

**4.4. Shipping, shipbuilding and port sectors**

4.4.1. Sanctions on transactions with Iran’s shipping and shipbuilding sectors and

port operators including IRISL, South Shipping Line, and NITC, and the port

operator(s) of Bandar Abbas 10 (TRA Sections 211(a) and 212(a); IFCA

Sections 1244(c)(1) and (d); 1245(a)(1)(B), (a)(1)(C)(i)(I)-(II), (a)(1)(C)(ii)(I)-

(II) and (c), 1246(a) and 1247(a); Section 5(a) of E.O. 13622 and Sections

2(a)(i) and 3(a)(i) of E.O. 13645); and

4.4.2. Sanctions on associated services for each of the categories above (see

individual citation references above).

**4.5. Gold and other precious metals**

4.5.1. Sanctions on Iran’s trade in gold and other precious metals (NDAA Sections

1245(d)(1) and (3); IFCA Sections 1244(c)(1), 1245(a)(1)(A) and (c),

1246(a) and 1247(a); Section 5(a) of E.O. 13622 and Sections 2(a)(i) and

3(a)(i) of E.O. 13645); and

4.5.2. Sanctions on associated services for each of the categories above (see

individual citation references above).

**4.6. Software and metals**

4.6.1. Sanctions on trade with Iran in graphite, raw or semi-finished metals such as

aluminum and steel, coal, and software for integrating industrial processes,

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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This commitment in Section 4.4.1 is based on the port operator(s) of Bandar Abbas no longer

being controlled by a person on the SDN List.

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in connection with activities consistent with this JCPOA, including trade

with individuals and entities set forth in Attachments 3 and 4 to this Annex

(NDAA Sections 1245(d)(1) and (3); IFCA Sections 1244(c)(1),

1245(a)(1)(B)-(C) and (c), 1246(a) and 1247(a); Section 5(a) of E.O. 13622

and Sections 2(a)(i) and 3(a)(i) of E.O. 13645); and

4.6.2. Sanctions on associated services for each of the categories above (see

individual citation references above).

**4.7. Automotive sector**

4.7.1. Sanctions on the sale, supply or transfer of goods and services used in

connection with Iran’s automotive sector (NDAA Sections 1245(d)(1) and

(3); IFCA Sections 1244(c)(1), 1245(a)(1)(B), (a)(1)(C)(i)(II),

(a)(1)(C)(ii)(II) and (c), 1246(a) and 1247(a); Section 5(a) of E.O. 13622 and

Sections 2(a)(i), 3(a)(i)-(ii), 5 and 6 of E.O. 13645); and

4.7.2. Sanctions on associated services for each of the categories above (see

individual citation references above).

**4.8. Designations and other sanctions listings**

4.8.1. Removal of individuals and entities set out in Attachments 3 and 4 to this

Annex from the Specially Designated Nationals and Blocked Persons List

(SDN List), the Foreign Sanctions Evaders List, and/or the Non-SDN Iran

Sanctions Act List (Removal of designations and/or sanctions imposed under

ISA Section 5(a), IFCA Section 1244(d)(1) and TRA Section 212; and

removals pursuant to the International Emergency Economic Powers Act of

certain persons listed pursuant to E.O. 13382, E.O. 13608, E.O. 13622, and

E.O. 13645).

**4.9. Nuclear proliferation-related measures**

4.9.1. Sanctions under the Iran, North Korea and Syria Nonproliferation Act on the

acquisition of nuclear-related commodities and services for nuclear activities

contemplated in the JCPOA, to be consistent with the U.S. approach to other

non-nuclear-weapon states under the NPT;

4.9.2. Sanctions on joint ventures relating to the mining, production, or

transportation of uranium (ISA Section 5(b)(2)); and

4.9.3. Exclusion of Iranian citizens from higher education coursework related to

careers in nuclear science, nuclear engineering or the energy sector (TRA

Section 501).

**5.**

**5.1.**

**Other trade measures**

The United States commits to: 11

5.1.1. Allow for the sale of commercial passenger aircraft and related parts and

services to Iran by licensing the (i) export, re-export, sale, lease or transfer to

Iran of commercial passenger aircraft for exclusively civil aviation end-use,

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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To give effect to the measures described in this Section 5.1, the United States will license

activities that do not involve any person on the SDN List and are otherwise consistent with

applicable U.S. laws and regulations, including but not limited to the Export Administration Act,

the Federal Food, Drug and Cosmetic Act and the Iran-Iraq Arms Nonproliferation Act.

(ii) export, re-export, sale, lease or transfer to Iran of spare parts and

components for commercial passenger aircraft, and (iii) provision of

associated serviced, including warranty, maintenance, and repair services and

safety-related inspections, for all the foregoing, provided that licensed items

and services are used exclusively for commercial passenger aviation; 12

5.1.2. License non-U.S. entities that are owned or controlled by a U.S. person 13 to

engage in activities with Iran that are consistent with this JCPOA; and

5.1.3. License the importation into the United States of Iranian-origin carpets and

foodstuffs, including pistachios and caviar.

**6.**

**7.**

**7.1.**

**7.2.**

The United States represents that the provisions listed in Section 4 above

constitute the full and complete list of all U.S. nuclear-related sanctions.

These sanctions will be lifted in accordance with Annex V.

**Effects of the lifting of U.S. economic and financial sanctions:**

As a result of the lifting of sanctions specified in Section 4 above, beginning

on implementation day such sanctions, including associated services, would

not apply to non-U.S. persons who carry out the following or that: 14

**Financial and banking measures**15 **(See Sections 4.1.1 to 4.1.7)**

Engage in activities, including financial and banking transactions, with the

Government of Iran, the Central Bank of Iran, Iranian financial institutions

and other Iranian persons specified in Attachment 3 to this Annex, including

the provision of loans, transfers, accounts (including the opening and

maintenance of correspondent and payable through accounts at non-U.S.

financial institutions), investments, securities, guarantees, foreign exchange

(including Rial related transactions), letters of credit and commodity futures

or options, the provision of specialised financial messaging services and

facilitation of direct or indirect access thereto, the purchase or acquisition by

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Licenses issued in furtherance of Section 5.1.1 will include appropriate conditions to ensure that

licensed activities do not involve, and no licensed aircraft, goods, or services are re-sold or re-

transferred to, any person on the SDN list. Should the United States determine that licensed

aircraft, goods, or services have been used for purposes other than exclusively civil aviation end-

use, or have been re-sold or re-transferred to persons on the SDN List, the United States would

view this as grounds to cease performing its commitments under Section 5.1.1 in whole or in

part.

For the purposes of Section 5.1.2 of this JCPOA, a non-U.S. entity is owned or controlled by a

U.S. person if the U.S. person: (i) holds a 50 per cent or greater equity interest by vote or value

in the entity; (ii) holds a majority of seats on the board of directors of the entity; or (iii)

otherwise controls the actions, policies, or personnel decisions of the entity.

Unless specifically provided otherwise, the sanctions lifting described in this Section does not

apply to transactions that involve persons on the SDN List and is without prejudice to sanctions

that may apply under legal provisions other than those cited in Section 4. Nothing in this JCPOA

reflects a change in Iran’s position on U.S. sanctions.

For the purposes of the cessation of application of the provisions set out in Sections 4.1.1-4.1.7,

the effects described for non-U.S. financial institutions extend to the activities outside of U.S.

jurisdiction of international financial institutions.

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the Government of Iran of U.S. bank notes, and the purchase, subscription to,

or facilitation of the issuance of Iranian sovereign debt. 16

**7.3.**

**7.4.**

**7.5.**

**7.6.**

**Insurance measures (See Section 4.2.1)**

Provide underwriting services, insurance, or re-insurance in connection with

activities consistent with this JCPOA, including activities with individuals

and entities set forth in Attachment 3 to this Annex, including underwriting

services, insurance, or re-insurance in connection with activities in the

energy, shipping, and shipbuilding sectors of Iran, for the National Iranian

Oil Company (NIOC) or the National Iranian Tanker Company (NITC), or

for vessels that transport crude oil, natural gas, liquefied natural gas,

petroleum and petrochemical products to or from Iran.

**Energy and petrochemical sectors (See Sections 4.3.1 to 4.3.6)**

Are part of the energy sector of Iran; purchase, acquire, sell, transport or

market petroleum, petroleum products (including refined petroleum

products), petrochemical products or natural gas (including liquefied natural

gas) to or from Iran; provide to Iran support, investment (including through

joint ventures), goods, services (including financial services) and technology

that can be used in connection with Iran’s energy sector, the development of

its petroleum resources, its domestic production of refined petroleum

products and petrochemical products; or engage in activities with Iran’s

energy sector, including NIOC, NITC, and NICO).

**Shipping, shipbuilding and port sectors (See Sections 4.4.1 to 4.4.2)**

Are part of the shipping or shipbuilding sectors of Iran; own, operate, control

or insure a vessel used to transport crude oil, petroleum products (including

refined petroleum products), petrochemical products or natural gas

(including liquefied natural gas) to or from Iran; operate a port in Iran,

engage in activities with, or provide financial services and other goods and

services used in connection with, the shipping and shipbuilding sectors of

Iran or a port operator in Iran (including the port operator(s) of Bandar

Abbas 17 ), including port services, such as bunkering and inspection,

classification, and financing, and the sale, leasing, and provision of vessels

to Iran, including to the Islamic Republic of Iran Shipping Lines (IRISL),

NITC, and South Shipping Line Iran or their affiliates.

**Gold and other precious metals (See Sections 4.5.1 to 4.5.2)**

Sell, supply, export or transfer, directly or indirectly, to or from Iran, gold

and other precious metals, or conduct or facilitate a financial transaction or

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Non-U.S., non-Iranian financial institutions engaging in transactions with Iranian financial

institutions (including the Central Bank of Iran) not appearing on the SDN List will not be

exposed to sanctions as a result of those Iranian financial institutions engaging in transactions or

banking relationships involving Iranian individuals and entities, including financial institutions,

on the SDN List, provided that the non-U.S., non-Iranian financial institution does not conduct

or facilitate, and is not otherwise involved in, those specific transactions or banking relationships

with the Iranian individuals and entities, including financial institutions, on the SDN List.

The effects described in Section 7.5 with respect to the port operator(s) of Bandar Abbas are

based on the port operator(s) of Bandar Abbas no longer being controlled by a person on the

SDN List.

provide services for the foregoing including security, insurance and

transportation.

**7.7.**

**7.8.**

**7.9.**

**Software and metals (See Sections 4.6.1 to 4.6.2)**

Sell, supply, or transfer, directly or indirectly, graphite, raw or semi-finished

metals such as aluminum and steel, coal, and software for integrating

industrial processes, to or from Iran in connection with activities consistent

with this JCPOA, including trade with individuals and entities set forth in

Attachment 3 to this Annex, and the sale, supply, or transfer of such

materials to the energy, petrochemical, shipping and shipbuilding sectors of

Iran, and Iranian ports, or conduct or facilitate a financial transaction or

provide services for the foregoing, including insurance and transportation.

**Automotive sector (See Sections 4.7.1 to 4.7.2)**

Conduct or facilitate financial or other transactions for the sale, supply or

transfer to Iran of goods and services used in connection with the automotive

sector of Iran.

**Designations and other sanctions listings (See Section 4.8.1)**

The removal of designations and/or sanctions as described in Section 4.8.1,

ceasing the application of secondary sanctions for transactions with

individuals and entities set out in Attachment 3 to this Annex; and unblocking

of property and interests in property within U.S. jurisdiction for individuals

and entities set out in Attachment 3 to this Annex.

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**ATTACHMENT 1 - PART I**

LIST OF PERSONS, ENTITIES AND BODIES SET OUT IN ANNEX II TO

COUNCIL DECISION 2010/413/CFSP AND ANNEX IX TO COUNCIL

REGULATION (EU) NO 267/2012

ACENA SHIPPING COMPANY LIMITED

ADVANCE NOVEL

AGHAJARI OIL & GAS PRODUCTION COMPANY

AGHAZADEH, Reza

AHMADIAN, Mohammad

AKHAVAN-FARD, Massoud

ALPHA EFFORT LTD

ALPHA KARA NAVIGATION LIMITED

ALPHA NARI NAVIGATION LIMITED

ARIAN BANK

ARVANDAN OIL & GAS COMPANY

ASHTEAD SHIPPING COMPANY LTD

ASPASIS MARINE CORPORATION

ASSA CORPORATION

ASSA CORPORATION LTD

ATLANTIC INTERMODAL

AVRASYA CONTAINER SHIPPING LINES

AZARAB INDUSTRIES

AZORES SHIPPING COMPANY ALIAS AZORES SHIPPING FZE LLC

BANCO INTERNACIONAL DE DESARROLLO CA

BANK KARGOSHAE

BANK MELLAT

BANK MELLI IRAN INVESTMENT COMPANY

BANK MELLI IRAN ZAO

BANK MELLI PRINTING AND PUBLISHING COMPANY

BANK MELLI,

BANK OF INDUSTRY AND MINE

BANK REFAH KARGARAN

BANK TEJARAT

BATENI, Naser

BEST PRECISE LTD

BETA KARA NAVIGATION LTD

BIIS MARITIME LIMITED

BIS MARITIME LIMITED

BONAB RESEARCH CENTER

BRAIT HOLDING SA

BRIGHT JYOTI SHIPPING

BRIGHT SHIP FZC

BUSHEHR SHIPPING COMPANY LIMITED

BYFLEET SHIPPING COMPANY LTD

CEMENT INVESTMENT AND DEVELOPMENT COMPANY

CENTRAL BANK OF IRAN

CHAPLET SHIPPING LIMITED

COBHAM SHIPPING COMPANY LTD

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CONCEPT GIANT LTD

COOPERATIVE DEVELOPMENT BANK

CRYSTAL SHIPPING FZE

DAJMAR, Mohammad Hossein

DAMALIS MARINE CORPORATION

DARYA CAPITAL ADMINISTRATION GMBH

DARYA DELALAN SEFID KHAZAR SHIPPING COMPANY

DELTA KARA NAVIGATION LTD

DELTA NARI NAVIGATION LTD

DIAMOND SHIPPING SERVICES

DORKING SHIPPING COMPANY LTD

EAST OIL & GAS PRODUCTION COMPANY

EDBI EXCHANGE COMPANY

EDBI STOCK BROKERAGE COMPANY

EFFINGHAM SHIPPING COMPANY LTD

EIGHTH OCEAN ADMINISTRATION GMBH

EIGHTH OCEAN GMBH & CO. KG

ELBRUS LTD

ELCHO HOLDING LTD

ELEGANT TARGET DEVELOPMENT LIMITED

ELEVENTH OCEAN ADMINISTRATION GMBH

ELEVENTH OCEAN GMBH & CO. KG

EMKA COMPANY

EPSILON NARI NAVIGATION LTD

E-SAIL A.K.A.E-SAIL SHIPPING COMPANY

ETA NARI NAVIGATION LTD

ETERNAL EXPERT LTD.

EUROPÄISCH-IRANISCHE HANDELSBANK

EXPORT DEVELOPMENT BANK OF IRAN

FAIRWAY SHIPPING

FAQIHIAN, Dr Hoseyn

FARNHAM SHIPPING COMPANY LTD

FASIRUS MARINE CORPORATION

FATSA

FIFTEENTH OCEAN ADMINISTRATION GMBH

FIFTEENTH OCEAN GMBH & CO. KG

FIFTH OCEAN ADMINISTRATION GMBH

FIFTH OCEAN GMBH & CO. KG

FIRST ISLAMIC INVESTMENT BANK

FIRST OCEAN ADMINISTRATION GMBH

FIRST OCEAN GMBH & CO. KG

FIRST PERSIAN EQUITY FUND

FOURTEENTH OCEAN ADMINISTRATION GMBH

FOURTEENTH OCEAN GMBH & CO. KG

FOURTH OCEAN ADMINISTRATION GMBH

FOURTH OCEAN GMBH & CO. KG

FUTURE BANK BSC

GACHSARAN OIL & GAS COMPANY

GALLIOT MARITIME INCORPORATION

GAMMA KARA NAVIGATION LTD

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GIANT KING LIMITED

GOLDEN CHARTER DEVELOPMENT LTD.

GOLDEN SUMMIT INVESTMENTS LTD.

GOLDEN WAGON DEVELOPMENT LTD.

GOLPARVAR, Gholam Hossein

GOMSHALL SHIPPING COMPANY LTD

GOOD LUCK SHIPPING COMPANY LLC

GRAND TRINITY LTD.

GREAT EQUITY INVESTMENTS LTD.

GREAT METHOD LTD

GREAT PROSPECT INTERNATIONAL LTD.

HAFIZ DARYA SHIPPING LINES

HANSEATIC TRADE TRUST & SHIPPING GMBH

HARVEST SUPREME LTD.

HARZARU SHIPPING

HELIOTROPE SHIPPING LIMITED

HELIX SHIPPING LIMITED

HK INTERTRADE COMPANY LTD

HONG TU LOGISTICS PRIVATE LIMITED

HORSHAM SHIPPING COMPANY LTD

IFOLD SHIPPING COMPANY LIMITED

INDUS MARITIME INCORPORATION

INDUSTRIAL DEVELOPMENT & RENOVATION ORGANIZATION

INSIGHT WORLD LTD

INTERNATIONAL SAFE OIL

IOTA NARI NAVIGATION LIMITED

IRAN ALUMINIUM COMPANY

IRAN FUEL CONSERVATION ORGANIZATION

IRAN INSURANCE COMPANY

IRAN LIQUEFIED NATURAL GAS CO.

IRANIAN OFFSHORE ENGINEERING & CONSTRUCTION CO

IRANIAN OIL COMPANY LIMITED

IRANIAN OIL PIPELINES AND TELECOMMUNICATIONS COMPANY

(IOPTC)

IRANIAN OIL TERMINALS COMPANY

IRANO MISR SHIPPING COMPANY

IRINVESTSHIP LTD

IRISL (MALTA) LTD

IRISL EUROPE GMBH

IRISL MARINE SERVICES AND ENGINEERING COMPANY

IRISL MARITIME TRAINING INSTITUTE

IRITAL SHIPPING SRL

ISI MARITIME LIMITED

ISIM AMIN LIMITED

ISIM ATR LIMITED

ISIM OLIVE LIMITED

ISIM SAT LIMITED

ISIM SEA CHARIOT LTD

ISIM SEA CRESCENT LTD

ISIM SININ LIMITED

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ISIM TAJ MAHAL LTD

ISIM TOUR COMPANY LIMITED

ISLAMIC REPUBLIC OF IRAN SHIPPING LINES

JACKMAN SHIPPING COMPANY

KALA NAFT

KALAN KISH SHIPPING COMPANY LTD

KAPPA NARI NAVIGATION LTD

KARA SHIPPING AND CHARTERING GMBH

KAROON OIL & GAS PRODUCTION COMPANY

KAVERI MARITIME INCORPORATION

KAVERI SHIPPING LLC

KEY CHARTER DEVELOPMENT LTD.

KHALILIPOUR, Said Esmail

KHANCHI, Ali Reza

KHAZAR EXPL & PROD CO

KHAZAR SHIPPING LINES

KHEIBAR COMPANY

KING PROSPER INVESTMENTS LTD.

KINGDOM NEW LTD

KINGSWOOD SHIPPING COMPANY LIMITED

KISH SHIPPING LINE MANNING COMPANY

LAMBDA NARI NAVIGATION LIMITED

LANCING SHIPPING COMPANY LIMITED

LOGISTIC SMART LTD

LOWESWATER LTD

MACHINE SAZI ARAK

MAGNA CARTA LIMITED

MALSHIP SHIPPING AGENCY

MARBLE SHIPPING LIMITED

MAROUN OIL & GAS COMPANY

MASJED-SOLEYMAN OIL & GAS COMPANY

MASTER SUPREME INTERNATIONAL LTD.

MAZANDARAN CEMENT COMPANY

MEHR CAYMAN LTD.

MELLAT BANK SB CJSC

MELLI AGROCHEMICAL COMPANY PJS

MELLI BANK PLC

MELLI INVESTMENT HOLDING INTERNATIONAL

MELODIOUS MARITIME INCORPORATION

METRO SUPREME INTERNATIONAL LTD.

MIDHURST SHIPPING COMPANY LIMITED (MALTA)

MILL DENE LTD

MINISTRY OF ENERGY

MINISTRY OF PETROLEUM

MODALITY LTD

MODERN ELEGANT DEVELOPMENT LTD.

MOUNT EVEREST MARITIME INCORPORATION

NAFTIRAN INTERTRADE COMPANY

NAFTIRAN INTERTRADE COMPANY SRL

NAMJOO, Majid

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NARI SHIPPING AND CHARTERING GMBH & CO. KG

NARMADA SHIPPING

NATIONAL IRANIAN DRILLING COMPANY

NATIONAL IRANIAN GAS COMPANY

NATIONAL IRANIAN OIL COMPANY

NATIONAL IRANIAN OIL COMPANY NEDERLAND (A.K.A.: NIOC

NETHERLANDS REPRESENTATION OFFICE)

NATIONAL IRANIAN OIL COMPANY PTE LTD

NATIONAL IRANIAN OIL COMPANY, INTERNATIONAL AFFAIRS LIMITED

NATIONAL IRANIAN OIL ENGINEERING AND CONSTRUCTION COMPANY

(NIOEC)

NATIONAL IRANIAN OIL PRODUCTS DISTRIBUTION COMPANY (NIOPDC)

NATIONAL IRANIAN OIL REFINING AND DISTRIBUTION COMPANY

NATIONAL IRANIAN TANKER COMPANY

NEUMAN LTD

NEW DESIRE LTD

NEW SYNERGY

NEWHAVEN SHIPPING COMPANY LIMITED

NINTH OCEAN ADMINISTRATION GMBH

NINTH OCEAN GMBH & CO. KG

NOOR AFZA GOSTAR

NORTH DRILLING COMPANY

NUCLEAR FUEL PRODUCTION AND PROCUREMENT COMPANY

OCEAN CAPITAL ADMINISTRATION GMBH

OCEAN EXPRESS AGENCIES PRIVATE LIMITED

ONERBANK ZAO

OXTED SHIPPING COMPANY LIMITED

PACIFIC SHIPPING

PARS SPECIAL ECONOMIC ENERGY ZONE

PARTNER CENTURY LTD

PEARL ENERGY COMPANY LTD

PEARL ENERGY SERVICES, SA

PERSIA INTERNATIONAL BANK PLC

PETRO SUISSE

PETROIRAN DEVELOPMENT COMPANY LTD

PETROLEUM ENGINEERING & DEVELOPMENT COMPANY

PETROPARS INTERNATIONAL FZE

PETROPARS IRAN COMPANY

PETROPARS LTD.

PETROPARS OILFIELD SERVICES COMPANY

PETROPARS OPERATION & MANAGEMENT COMPANY

PETROPARS RESOURCES ENGINEERING LTD

PETROPARS UK LIMITED

PETWORTH SHIPPING COMPANY LIMITED

POST BANK OF IRAN

POWER PLANTS’ EQUIPMENT MANUFACTURING COMPANY (SAAKHTE

TAJHIZATE NIROOGAHI)

PROSPER METRO INVESTMENTS LTD.

RASTKHAH, Engineer Naser

REIGATE SHIPPING COMPANY LIMITED

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RESEARCH INSTITUTE OF NUCLEAR SCIENCE & TECHNOLOGY

REZVANIANZADEH, Mohammad Reza

RISHI MARITIME INCORPORATION

SACKVILLE HOLDINGS LTD

SAFIRAN PAYAM DARYA SHIPPING COMPANY

SALEHI, Ali Akbar

SANFORD GROUP

SANTEXLINES

SECOND OCEAN ADMINISTRATION GMBH

SECOND OCEAN GMBH & CO. KG

SEIBOW LOGISTICS LIMITED

SEVENTH OCEAN ADMINISTRATION GMBH

SEVENTH OCEAN GMBH & CO. KG

SHALLON LTD

SHEMAL CEMENT COMPANY

SHINE STAR LIMITED

SHIPPING COMPUTER SERVICES COMPANY

SILVER UNIVERSE INTERNATIONAL LTD.

SINA BANK

SINO ACCESS HOLDINGS

SINOSE MARITIME

SISCO SHIPPING COMPANY LTD

SIXTEENTH OCEAN ADMINISTRATION GMBH

SIXTEENTH OCEAN GMBH & CO. KG

SIXTH OCEAN ADMINISTRATION GMBH

SIXTH OCEAN GMBH & CO. KG

SMART DAY HOLDINGS LTD

SOLTANI, Behzad

SORINET COMMERCIAL TRUST (SCT)

SOROUSH SARAMIN ASATIR

SOUTH WAY SHIPPING AGENCY CO. LTD

SOUTH ZAGROS OIL & GAS PRODUCTION COMPANY

SPARKLE BRILLIANT DEVELOPMENT LIMITED

SPRINGTHORPE LIMITED

STATIRA MARITIME INCORPORATION

SUREH (NUCLEAR REACTORS FUEL COMPANY)

SYSTEM WISE LTD

TAMALARIS CONSOLIDATED LTD

TENTH OCEAN ADMINISTRATION GMBH

TENTH OCEAN GMBH & CO. KG

TEU FEEDER LIMITED

THETA NARI NAVIGATION

THIRD OCEAN ADMINISTRATION GMBH

THIRD OCEAN GMBH & CO. KG

THIRTEENTH OCEAN ADMINISTRATION GMBH

THIRTEENTH OCEAN GMBH & CO. KG

TOP GLACIER COMPANY LIMITED

TOP PRESTIGE TRADING LIMITED

TRADE CAPITAL BANK

TRADE TREASURE

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TRUE HONOUR HOLDINGS LTD

TULIP SHIPPING INC

TWELFTH OCEAN ADMINISTRATION GMBH

TWELFTH OCEAN GMBH & CO. KG

UNIVERSAL TRANSPORTATION LIMITATION UTL

VALFAJR 8TH SHIPPING LINE

WEST OIL & GAS PRODUCTION COMPANY

WESTERN SURGE SHIPPING COMPANY LIMITED

WISE LING SHIPPING COMPANY LIMITED

ZANJANI, Babak

ZETA NERI NAVIGATION

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**ATTACHMENT 1 - PART II**

LIST OF PERSONS, ENTITIES AND BODIES SET OUT IN ANNEX I TO

COUNCIL DECISION 2010/413/CFSP AND ANNEX VIII TO COUNCIL

REGULATION (EU) NO 267/2012

AGHA-JANI, Dawood

ALAI, Amir Moayyed

ASGARPOUR, Behman

ASHIANI, Mohammad Fedai

ASHTIANI, Abbas Rezaee

ATOMIC ENERGY ORGANISATION OF IRAN (AEOI)

BAKHTIAR, Haleh

BEHZAD, Morteza

ESFAHAN NUCLEAR FUEL RESEARCH AND PRODUCTION CENTRE

(NFRPC) AND ESFAHAN NUCLEAR TECHNOLOGY CENTRE (ENTC)

FIRST EAST EXPORT BANK, P.L.C.:

HOSSEINI, Seyyed Hussein

IRANO HIND SHIPPING COMPANY

IRISL BENELUX NV

JABBER IBN HAYAN

KARAJ NUCLEAR RESEARCH CENTRE

KAVOSHYAR COMPANY

LEILABADI, Ali Hajinia

MESBAH ENERGY COMPANY

MODERN INDUSTRIES TECHNIQUE COMPANY

MOHAJERANI, Hamid-Reza

MOHAMMADI, Jafar

MONAJEMI, Ehsan

NOBARI, Houshang

NOVIN ENERGY COMPANY

NUCLEAR RESEARCH CENTER FOR AGRICULTURE AND MEDICINE

PARS TRASH COMPANY

PISHGAM (PIONEER) ENERGY INDUSTRIES

QANNADI, Mohammad

RAHIMI, Amir

RAHIQI, Javad

RASHIDI, Abbas

SABET, M. Javad Karimi

SAFDARI, Seyed Jaber

SOLEYMANI, Ghasem

SOUTH SHIPPING LINE IRAN (SSL)

TAMAS COMPANY

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**ATTACHMENT 2 - PART I**

LIST OF PERSONS, ENTITIES AND BODIES SET OUT IN ANNEX II TO

COUNCIL DECISION 2010/413/CFSP AND ANNEX IX TO COUNCIL

REGULATION (EU) NO 267/2012

AEROSPACE INDUSTRIES ORGANISATION, AIO

AL YASIN, Javad

ALUMINAT

ANSAR BANK

ARAN MODERN DEVICES

ARAS FARAYANDE

ARFA PAINT COMPANY

ARFEH COMPANY

ARIA NIKAN,

ARMED FORCES GEOGRAPHICAL ORGANISATION

ASHTIAN TABLO

BABAEI, Davoud

BALS ALMAN

BANK SADERAT IRAN

BANK SADERAT PLC

BARGH AZARAKSH

BEHNAM SAHRIYARI TRADING COMPANY

BONYAD TAAVON SEPAH

BORBORUDI, Sayed Shamsuddin

DANESHJOO, Kamran

DARVISH-VAND, IRGC Brigadier-General Javad

ELECTRONIC COMPONENTS INDUSTRIES

ESNICO (EQUIPMENT SUPPLIER FOR NUCLEAR INDUSTRIES

CORPORATION)

ETEMAD AMIN INVEST CO MOBIN

EYVAZ TECHNIC

FADAVI, Rear Admiral Ali

FAJR AVIATION COMPOSITE INDUSTRIES

FARAHI, IRGC Brigadier-General Seyyed Mahdi

FARASEPEHR ENGINEERING COMPANY

FATAH, Parviz

GHANI SAZI URANIUM COMPANY

HAERI, Engineer Mojtaba

HIRBOD CO

HOSEYNITASH, IRGC Brigadier-General Ali

HOSSEINI NEJAD TRADING CO.

INSTITUTE OF APPLIED PHYSICS

IRAN AIRCRAFT INDUSTRIES

IRAN AIRCRAFT MANUFACTURING COMPANY

IRAN CENTRIFUGE TECHNOLOGY COMPANY

IRAN COMMUNICATIONS INDUSTRIES

IRAN COMPOSITES INSTITUTE

IRAN ELECTRONICS INDUSTRIES

IRAN MARINE INDUSTRIAL COMPANY

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IRAN POOYA

IRAN SAFFRON COMPANY OR IRANSAFFRON CO.

IRANIAN AVIATION INDUSTRIES ORGANIZATION

IRGC AIR FORCE

IRGC QODS FORCE

IRGC-AIR FORCE AL-GHADIR MISSILE COMMAND

ISFAHAN OPTICS

ISLAMIC REVOLUTIONARY GUARD CORPS

JAFARI, Milad

JAVEDAN MEHR TOOS

JELVESAZAN COMPANY

KARANIR

KARIMIAN, Ali

KHALA AFARIN PARS

KHANSARI, Majid

MAAA SYNERGY

MACPAR MAKINA SAN VE TIC

MAHMUDZADEH, Ebrahim

MARINE INDUSTRIES

MAROU SANAT

MATSA (MOHANDESI TOSEH SOKHT ATOMI COMPANY)

MECHANIC INDUSTRIES GROUP

MEHR BANK

MINISTRY OF DEFENSE AND SUPPORT FOR ARMED FORCES LOGISTICS

MOBIN SANJESH

MODERN TECHNOLOGIES FZC

MOHAMMADI, Mohammad

MOHAMMADLU, Brigadier-General Beik

MOVASAGHNIA, Mohammad Reza

MULTIMAT LC VE DIS TICARET PAZARLAMA LIMITED SIRKETI

NACCACHE, Anis

NADERI, Brigadier-General Mohammad

NAJJAR, IRGC Brigadier-General Mostafa Mohammad

NAQDI, BrigGen Mohammad Reza

NASERI, Mohammad Sadegh

NASERIN VAHID

NEDA INDUSTRIAL GROUP

NEKA NOVIN

NOAVARAN POOYAMOJ

NOURI, Ali Ashraf

OIL INDUSTRY PENSION FUND INVESTMENT COMPANY

ORGANISATION OF DEFENSIVE INNOVATION AND RESEARCH

PAKPUR, BrigGen Mohammad

PARCHIN CHEMICAL INDUSTRIES

PARTO SANAT CO

PASSIVE DEFENSE ORGANIZATION

PAYA PARTO

QASEMI, Rostam (a.k.a. Rostam GHASEMI)

RAAD IRAN

RAKA

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RESEARCH CENTRE FOR EXPLOSION AND IMPACT

ROSMACHIN

SAIDI, Hojatoleslam Ali

SALAMI, BrigGen Hossein

SAMAN NASB ZAYENDEH ROOD; SAMAN NASBZAINDE ROOD

SAMAN TOSE’E ASIA

SAMEN INDUSTRIES

SCHILLER NOVIN

SEPANIR OIL AND GAS ENERGY ENGINEERING COMPANY

SHAFI’I RUDSARI, Rear Admiral Mohammad

SHAHID AHMAD KAZEMI INDUSTRIAL GROUP

SHAHID BEHESHTI UNIVERSITY

SHAKHESE BEHBUD SANAT

SHAMS, Abolghassem Mozaffari

SHAMSHIRI, IRGC Brigadier-General Ali

SHARIF UNIVERSITY OF TECHNOLOGY

SHETAB G.

SHETAB GAMAN

SHETAB TRADING

SHIRAZ ELECTRONICS INDUSTRIES

SIMATEC DEVELOPMENT COMPANY

SOLAT SANA, Abdollah

SOLTANI, Hamid

STATE PURCHASING ORGANISATION

STEP STANDART TEKNIK PARCA SAN VE TIC A.S.

SUN MIDDLE EAST FZ COMPANY

SURENA (A.K.A. SAKHD VA RAH-AN- DA-ZI)

TABA (IRAN CUTTING TOOLS MANUFACTURING COMPANY - TABA

TOWLID ABZAR BORESHI IRAN)

TAGHTIRAN

TAJHIZ SANAT SHAYAN

TECHNOLOGY COOPERATION OFFICE OF THE IRANIAN PRESIDENT’S

OFFICE

TEST TAFSIR

TIDEWATER

TOSSE SILOOHA

TURBINE ENGINEERING MANUFACTURING

VAHIDI, IRGC Brigadier-General Ahmad

WEST SUN TRADE GMBH

Y.A.S. CO. LTD

YARSANAT

YASA PART

ZADEH, Amir Ali Haji

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**ATTACHMENT 2 - PART II**

LIST OF PERSONS, ENTITIES AND BODIES SET OUT IN ANNEX I TO

COUNCIL DECISION 2010/413/CFSP AND ANNEXES VIII TO COUNCIL

REGULATION (EU) NO 267/2012

7TH OF TIR.

ABBASI-DAVANI, Fereidoun

ABZAR BORESH KAVEH CO.

AGHAJANI, Azim

AHMADIAN, Ali Akbar

AMIN INDUSTRIAL COMPLEX

AMMUNITION AND METALLURGY INDUSTRIES GROUP

ARMAMENT INDUSTRIES GROUP

BAHMANYAR, Bahmanyar Morteza

BANK SEPAH

BANK SEPAH INTERNATIONAL

BARZAGANI TEJARAT TAVANMAD SACCAL COMPANIES

BEHINEH TRADING CO.

CRUISE MISSILE INDUSTRY GROUP

DASTJERDI, Ahmad Vahid

DEFENCE INDUSTRIES ORGANISATION (DIO)

DEFENSE TECHNOLOGY AND SCIENCE RESEARCH CENTER

DERAKHSHANDEH, Ahmad

DOOSTAN INTERNATIONAL COMPANY

ELECTRO SANAM COMPANY

ESLAMI, Mohammad

ESMAELI, Reza-Gholi

ETTEHAD TECHNICAL GROUP

FAJR INDUSTRIAL GROUP

FAKHRIZADEH-MAHABADI, Mohsen

FARASAKHT INDUSTRIES

FARAYAND TECHNIQUE

FATER (OR FAATER) INSTITUTE

GHARAGAHE SAZANDEGI GHAEM

GHORB KARBALA

GHORB NOOH

HARA COMPANY

HEJAZI, Mohammad

HOJATI, Mohsen

IMENSAZAN CONSULTANT ENGINEERS INSTITUTE

INDUSTRIAL FACTORIES OF PRECISION (IFP) MACHINERY

JOZA INDUSTRIAL CO.

KALA-ELECTRIC

KAVEH CUTTING TOOLS COMPANY

KETABACHI, Mehrdada Akhlaghi

KHATAM AL-ANBIYA CONSTRUCTION HEADQUARTERS

KHORASAN METALLURGY INDUSTRIES

M. BABAIE INDUSTRIES

MAKIN

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MALEK ASHTAR UNIVERSITY

MALEKI, Naser

MINISTRY OF DEFENSE LOGISTICS EXPORT

MIZAN MACHINERY MANUFACTURING A.K.A.: 3MG

NAQDI, Mohammad Reza

NEJAD NOURI, Mohammad Mehdi

NIRU BATTERY MANUFACTURING COMPANY

OMRAN SAHEL

ORIENTAL OIL KISH

PARCHIN CHEMICAL INDUSTRIES

PARS AVIATION SERVICES COMPANY

PEJMAN INDUSTRIAL SERVICES CORPORATION

QODS AERONAUTICS INDUSTRIES

RAH SAHEL

RAHAB ENGINEERING INSTITUTE

REZAIE, Morteza

SABALAN COMPANY

SAD IMPORT EXPORT COMPANY

SAFARI, Morteza

SAFAVI, Yahya Rahim

SAFETY EQUIPMENT PROCUREMENT (SEP)

SAHAND ALUMINUM PARTS INDUSTRIAL COMPANY

SAHEL CONSULTANT ENGINEERS

SALIMI, Hosein

SANAM INDUSTRIAL GROUP

SEPANIR

SEPASAD ENGINEERING COMPANY

SHAHID BAGHERI INDUSTRIAL GROUP (SBIG)

SHAHID HEMMAT INDUSTRIAL GROUP (SHIG)

SHAHID KARRAZI INDUSTRIES

SHAHID SATARRI INDUSTRIES

SHAHID SAYYADE SHIRAZI INDUSTRIES

SHO’A’ AVIATION.

SOLEIMANI, Qasem

SPECIAL INDUSTRIES GROUP

TABATABAEI, Ali Akbar

TIZ PARS

YA MAHDI INDUSTRIES GROUP

YAS AIR

YAZD METALLURGY INDUSTRIES

ZAHEDI, Mohammad Reza

ZOLQADR, General

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**ATTACHMENT 3**

IRANIAN FINANCIAL INSTITUTIONS AND INDIVIDUAL AND ENTITIES

IDENTIFIED AS GOVERNMENT OF IRAN (GOI) ON THE SDN LIST;

DESIGNATED ENTITIES AND INDIVIDUALS ON THE SDN LIST AND

ENTITIES AND INDIVIDUALS LISTED ON THE FSE LIST; INDIVIDUALS

AND ENTITIES SANCTIONED UNDER ISA; BLOCKED PROPERTY OF THE

FOREGOING

AA ENERGY FZCO\*

ABAN AIR

ADVANCE NOVEL LIMITED

AFZALI, Ali

AGHA-JANI, Dawood

AL AQILI GROUP LLC

AL AQILI, Mohamed Saeed

AL FIDA INTERNATIONAL GENERAL TRADING

AL HILAL EXCHANGE

ALPHA EFFORT LIMITED

AMERI, Teymour

AMIN INVESTMENT BANK\*

ANTARES SHIPPING COMPANY NV

ARASH SHIPPING ENTERPRISES LIMITED\*

ARIAN BANK

ARTA SHIPPING ENTERPRISES LIMITED\*

ASAN SHIPPING ENTERPRISE LIMITED\*

ASCOTEC HOLDING GMBH\*

ASCOTEC JAPAN K.K.\*

ASCOTEC MINERAL & MACHINERY GMBH\*

ASCOTEC SCIENCE & TECHNOLOGY GMBH\*

ASCOTEC STEEL TRADING GMBH\*

ASHTEAD SHIPPING COMPANY LIMITED

ASIA BANK

ASIA ENERGY GENERAL TRADING (LLC)\*

ASIA MARINE NETWORK PTE. LTD.

ASSA CO. LTD.

ASSA CORP.

ATLANTIC INTERMODAL

ATOMIC ENERGY ORGANIZATION OF IRAN

AZORES SHIPPING COMPANY LL FZE

BAHADORI, Masoud\*

BANCO INTERNACIONAL DE DESARROLLO, C.A.

BANDAR IMAM PETROCHEMICAL COMPANY\*

BANK KARGOSHAEE

BANK KESHAVARZI IRAN\*

\* Denotes Iranian financial institutions and individuals and entities identified as GOI by the Office

of Foreign Assets Control (OFAC). U.S. persons and foreign entities owned or controlled by a

U.S. person will continue to be prohibited from transactions with these individuals and entities,

pursuant to the Iranian Transactions and Sanctions Regulations.

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BANK MARKAZI JOMHOURI ISLAMI IRAN\*

BANK MASKAN\*

BANK MELLAT\*

BANK MELLI IRAN INVESTMENT COMPANY

BANK MELLI IRAN\*

BANK MELLI PRINTING AND PUBLISHING CO.

BANK OF INDUSTRY AND MINE (OF IRAN)\*

BANK REFAH KARGARAN\*

BANK SEPAH INTERNATIONAL PLC

BANK SEPAH\*

BANK TEJARAT\*

BANK TORGOVOY KAPITAL ZAO\*

BANK-E SHAHR\*

BATENI, Naser

BAZARGAN, Farzad\*

BEHSAZ KASHANE TEHRAN CONSTRUCTION CO.\*

BEHZAD, Morteza Ahmadali

BELFAST GENERAL TRADING LLC

BEST PRECISE LIMITED

BIIS MARITIME LIMITED

BIMEH IRAN INSURANCE COMPANY (U.K.) LIMITED\*

BLUE TANKER SHIPPING SA\*

BMIIC INTERNATIONAL GENERAL TRADING LTD

BOU ALI SINA PETROCHEMICAL COMPANY\*

BREYELLER STAHL TECHNOLOGY GMBH & CO. KG\*

BUSHEHR SHIPPING COMPANY LIMITED

BYFLEET SHIPPING COMPANY LIMITED

CAMBIS, Dimitris\*

CASPIAN MARITIME LIMITED\*

CAUCASUS ENERGY

CEMENT INVESTMENT AND DEVELOPMENT COMPANY

CENTRAL INSURANCE OF IRAN

CISCO SHIPPING COMPANY CO. LTD.

COBHAM SHIPPING COMPANY LIMITED

COMMERCIAL PARS OIL CO.\*

CONCEPT GIANT LIMITED

CREDIT INSTITUTION FOR DEVELOPMENT\*

CRYSTAL SHIPPING FZE

CYLINDER SYSTEM L.T.D.\*

DAJMAR, Mohhammad Hossein

DANESH SHIPPING COMPANY LIMITED\*

DARYA CAPITAL ADMINISTRATION GMBH

DAVAR SHIPPING CO LTD\*

DENA TANKERS FZE\*

DERAKHSHANDEH, AHMAD

DETTIN SPA

DEY BANK\*

DFS WORLDWIDE

DIVANDARI, Ali

DORKING SHIPPING COMPANY LIMITED

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EDBI EXCHANGE COMPANY

EDBI STOCK BROKERAGE COMPANY

EFFINGHAM SHIPPING COMPANY LIMITED

EGHTESAD NOVIN BANK\*

EIGHTH OCEAN ADMINISTRATION GMBH

EIGHTH OCEAN GMBH & CO. KG

ELEVENTH OCEAN ADMINISTRATION GMBH

ELEVENTH OCEAN GMBH & CO. KG

ESFAHAN NUCLEAR FUEL RESEARCH AND PRODUCTION CENTER

ESLAMI, Mansour

EUROPAISCH-IRANISCHE HANDELSBANK AG\*

EUROPEAN OIL TRADERS

EVEREX

EXECUTION OF IMAM KHOMEINI’S ORDER\*

EXPORT DEVELOPMENT BANK OF IRAN\*

EZATI, Ali

FAIRWAY SHIPPING LTD

FAL OIL COMPANY LIMITED

FARNHAM SHIPPING COMPANY LIMITED

FARSOUDEH, Houshang

FAYLACA PETROLEUM

FERLAND COMPANY LIMITED

FIFTEENTH OCEAN GMBH & CO. KG

FIFTH OCEAN ADMINISTRATION GMBH

FIFTH OCEAN GMBH & CO. KG

FIRST EAST EXPORT BANK, P.L.C.

FIRST ISLAMIC INVESTMENT BANK LTD.

FIRST OCEAN ADMINISTRATION GMBH

FIRST OCEAN GMBH & CO. KG

FIRST PERSIA EQUITY FUND

FOURTEENTH OCEAN GMBH & CO. KG

FOURTH OCEAN ADMINISTRATION GMBH

FOURTH OCEAN GMBH & CO. KG

FUTURE BANK B.S.C.\*

GALLIOT MARITIME INC

GARBIN NAVIGATION LTD\*

GEORGIAN BUSINESS DEVELOPMENT

GHADIR INVESTMENT COMPANY\*

GHAED BASSIR PETROCHEMICAL PRODUCTS COMPANY\*

GHALEBANI, Ahmad\*

GHARZOLHASANEH RESALAT BANK\*

GHAVAMIN BANK\*

GHEZEL AYAGH, Alireza

GOLDEN RESOURCES TRADING COMPANY L.L.C.\*

GOLDENTEX FZE

GOLPARVAR, Gholamhossein

GOMSHALL SHIPPING COMPANY LIMITED

GOOD LUCK SHIPPING L.L.C.

GRACE BAY SHIPPING INC\*

GREAT BUSINESS DEALS

**65/104**

GREAT METHOD LIMITED

HADI SHIPPING COMPANY LIMITED\*

HAFIZ DARYA SHIPPING CO

HARAZ SHIPPING COMPANY LIMITED\*

HATEF SHIPPING COMPANY LIMITED\*

HEKMAT IRANIAN BANK\*

HERCULES INTERNATIONAL SHIP\*

HERMIS SHIPPING SA\*

HIRMAND SHIPPING COMPANY LIMITED\*

HODA SHIPPING COMPANY LIMITED\*

HOMA SHIPPING COMPANY LIMITED\*

HONAR SHIPPING COMPANY LIMITED\*

HONG KONG INTERTRADE COMPANY\*

HORMOZ OIL REFINING COMPANY\*

HORSHAM SHIPPING COMPANY LIMITED

HOSSEINPOUR, Houshang

HTTS HANSEATIC TRADE TRUST AND SHIPPING, GMBH

IDEAL SUCCESS INVESTMENTS LIMITED

IFIC HOLDING AG\*

IHAG TRADING GMBH\*

IMPIRE SHIPPING COMPANY\*

INDUS MARITIME INC

INDUSTRIAL DEVELOPMENT AND RENOVATION ORGANIZATION OF

IRAN\*

INTERNATIONAL SAFE OIL

INTRA CHEM TRADING GMBH\*

IRAN & SHARGH COMPANY\*

IRAN & SHARGH LEASING COMPANY\*

IRAN AIR

IRAN FOREIGN INVESTMENT COMPANY\*

IRAN INSURANCE COMPANY\*

IRAN O HIND SHIPPING COMPANY

IRAN O MISR SHIPPING COMPANY

IRAN PETROCHEMICAL COMMERCIAL COMPANY\*

IRAN ZAMIN BANK\*

IRANAIR TOURS

IRANIAN MINES AND MINING INDUSTRIES DEVELOPMENT AND

RENOVATION ORGANIZATION\*

IRANIAN OIL COMPANY (U.K.) LIMITED\*

IRANIAN-VENEZUELAN BI-NATIONAL BANK / JOINT IRAN-VENEZUELA

BANK\*

IRASCO S.R.L.\*

IRINVESTSHIP LTD.

IRISL (MALTA) LIMITED

IRISL (UK) LTD.

IRISL CHINA SHIPPING CO., LTD.

IRISL EUROPE GMBH

IRISL MARINE SERVICES & ENGINEERING COMPANY

IRISL MULTIMODAL TRANSPORT CO.

IRITAL SHIPPING SRL COMPANY

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ISI MARITIME LIMITED

ISIM AMIN LIMITED

ISIM ATR LIMITED

ISIM OLIVE LIMITED

ISIM SAT LIMITED

ISIM SEA CHARIOT LIMITED

ISIM SEA CRESCENT LIMITED

ISIM SININ LIMITED

ISIM TAJ MAHAL LIMITED

ISIM TOUR LIMITED

ISLAMIC REGIONAL COOPERATION BANK\*

ISLAMIC REPUBLIC OF IRAN SHIPPING LINES

JABBER IBN HAYAN

JAM PETROCHEMICAL COMPANY

JASHNSAZ, Seifollah\*

JUPITER SEAWAYS SHIPPING\*

KADDOURI, Abdelhak

KAFOLATBANK\*

KALA LIMITED\*

KALA PENSION TRUST LIMITED\*

KARAFARIN BANK\*

KASB INTERNATIONAL LLC\*

KAVERI MARITIME INC

KAVOSHYAR COMPANY

KERMAN SHIPPING CO LTD

KHALILI, Jamshid

KHAVARMIANEH BANK\*

KHAZAR SEA SHIPPING LINES

KISH INTERNATIONAL BANK\*

KISH PROTECTION & INDEMNITY

KONING MARINE CORP\*

KONT INVESTMENT BANK

KONT KOSMETIK

KSN FOUNDATION

KUO OIL PTE. LTD

LANCELIN SHIPPING COMPANY LIMITED

LEADING MARITIME PTE. LTD.

LEILABADI, Ali Hajinia

LISSOME MARINE SERVICES LLC

LOGISTIC SMART LIMITED

LOWESWATER LIMITED

MACHINE SAZI ARAK CO. LTD.\*

MAHAB GHODSS CONSULTING ENGINEERING COMPANY\*

MAHDAVI, Ali

MALSHIP SHIPPING AGENCY LTD.

MARANER HOLDINGS LIMITED

MARBLE SHIPPING LIMITED

MARJAN PETROCHEMICAL COMPANY\*

MAZANDARAN CEMENT COMPANY

MAZANDARAN TEXTILE COMPANY

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MCS ENGINEERING\*

MCS INTERNATIONAL GMBH\*

MEHR CAYMAN LTD.

MEHR IRAN CREDIT UNION BANK\*

MEHRAN SHIPPING COMPANY LIMITED\*

MELLAT BANK SB CJSC

MELLAT INSURANCE COMPANY\*

MELLI AGROCHEMICAL COMPANY, P.J.S.

MELLI BANK PLC

MELLI INVESTMENT HOLDING INTERNATIONAL

MELODIOUS MARITIME INC

MERSAD SHIPPING COMPANY LIMITED\*

MESBAH ENERGY COMPANY

METAL & MINERAL TRADE S.A.R.L.\*

MID OIL ASIA PTE LTD

MILL DENE LIMITED

MINAB SHIPPING COMPANY LIMITED\*

MINES AND METALS ENGINEERING GMBH\*

MIR BUSINESS BANK ZAO

MOALLEM INSURANCE COMPANY

MOBIN PETROCHEMICAL COMPANY\*

MODABER\*

MODALITY LIMITED

MOGHADDAMI FARD, Mohammad

MOHADDES, Seyed Mahmoud\*

MOINIE, Mohammad\*

MONSOON SHIPPING LTD\*

MOUNT EVEREST MARITIME INC

MSP KALA NAFT CO. TEHRAN\*

N.I.T.C. REPRESENTATIVE OFFICE\*

NABIPOUR, Ghasem

NAFTIRAN INTERTRADE CO. (NICO) LIMITED\*

NAFTIRAN INTERTRADE CO. (NICO) SARL\*

NAFTIRAN TRADING SERVICES CO. (NTS) LIMITED\*

NARI SHIPPING AND CHARTERING GMBH & CO. KG

NASIRBEIK, Anahita

NATIONAL IRANIAN OIL COMPANY PTE LTD\*

NATIONAL IRANIAN OIL COMPANY\*

NATIONAL IRANIAN TANKER COMPANY LLC\*

NATIONAL IRANIAN TANKER COMPANY\*

NATIONAL PETROCHEMICAL COMPANY\*

NAYEBI, Pourya

NEFERTITI SHIPPING COMPANY

NEUMAN LIMITED

NEW DESIRE LIMITED

NEW YORK GENERAL TRADING

NEW YORK MONEY EXCHANGE

NICO ENGINEERING LIMITED\*

NIKOUSOKHAN, Mahmoud\*

NIKSIMA FOOD AND BEVERAGE JLT

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NINTH OCEAN ADMINISTRATION GMBH

NINTH OCEAN GMBH & CO. KG

NIOC INTERNATIONAL AFFAIRS (LONDON) LIMITED\*

NIZAMI, Anwar Kamal

NOOR AFZAR GOSTAR COMPANY

NOOR ENERGY (MALAYSIA) LTD.\*

NOURI PETROCHEMICAL COMPANY\*

NOVIN ENERGY COMPANY

NPC INTERNATIONAL LIMITED\*

NUCLEAR RESEARCH CENTER FOR AGRICULTURE AND MEDICINE

NUCLEAR SCIENCE AND TECHNOLOGY RESEARCH INSTITUTE

OCEAN CAPITAL ADMINISTRATION GMBH

OIL INDUSTRY INVESTMENT COMPANY\*

OMID REY CIVIL & CONSTRUCTION COMPANY\*

ONE CLASS PROPERTIES (PTY) LTD.\*

ONE VISION INVESTMENTS 5 (PTY) LTD.\*

ONERBANK ZAO\*

ORCHIDEA GULF TRADING

P.C.C. (SINGAPORE) PRIVATE LIMITED\*

PACIFIC SHIPPING DMCEST

PAJAND, Mohammad Hadi

PARDIS INVESTMENT COMPANY\*

PARS MCS\*

PARS OIL AND GAS COMPANY\*

PARS OIL CO.\*

PARS PETROCHEMICAL COMPANY\*

PARS PETROCHEMICAL SHIPPING COMPANY\*

PARS TRASH COMPANY

PARSAEI, Reza\*

PARSIAN BANK\*

PARTNER CENTURY LIMITED

PARVARESH, Farhad Ali

PASARGAD BANK\*

PEARL ENERGY COMPANY LTD.

PEARL ENERGY SERVICES, SA

PERSIA INTERNATIONAL BANK PLC

PERSIA OIL & GAS INDUSTRY DEVELOPMENT CO.\*

PETRO ENERGY INTERTRADE COMPANY\*

PETRO ROYAL FZE\*

PETRO SUISSE INTERTRADE COMPANY SA\*

PETROCHEMICAL COMMERCIAL COMPANY (U.K.) LIMITED\*

PETROCHEMICAL COMMERCIAL COMPANY FZE\*

PETROCHEMICAL COMMERCIAL COMPANY INTERNATIONAL\*

PETROIRAN DEVELOPMENT COMPANY (PEDCO) LIMITED\*

PETROLEOS DE VENEZUELA S.A. (PDVSA)

PETROPARS INTERNATIONAL FZE\*

PETROPARS LTD.\*

PETROPARS UK LIMITED\*

PIONEER ENERGY INDUSTRIES COMPANY

POLAT, Muzaffer

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POLINEX GENERAL TRADING LLC\*

POLYNAR COMPANY\*

POST BANK OF IRAN\*

POURANSARI, Hashem\*

PROTON PETROCHEMICALS SHIPPING LIMITED\*

PRYVATNE AKTSIONERNE TOVARYSTVO AVIAKOMPANIYA BUKOVYNA

QANNADI, Mohammad

QULANDARY, Azizullah Asadullah

RAHIQI, Javad

RASOOL, Seyed Alaeddin Sadat

REY INVESTMENT COMPANY\*

REY NIRU ENGINEERING COMPANY\*

REYCO GMBH.\*

REZVANIANZADEH, Mohammed Reza

RISHI MARITIME INC

RISHMAK PRODUCTIVE & EXPORTS COMPANY\*

ROYAL ARYA CO.\*

ROYAL OYSTER GROUP

ROYAL-MED SHIPPING AGENCY LTD

SABET, Javad Karimi

SACKVILLE HOLDINGS LIMITED

SADAF PETROCHEMICAL ASSALUYEH COMPANY\*

SAFDARI, Seyed Jaber

SAFIRAN PAYAM DARYA SHIPPING COMPANY

SAMAN BANK\*

SAMAN SHIPPING COMPANY LIMITED\*

SAMBOUK SHIPPING FZC\*

SANDFORD GROUP LIMITED

SANTEX LINES LIMITED

SARKANDI, Ahmad

SARMAYEH BANK\*

SARV SHIPPING COMPANY LIMITED\*

SECOND OCEAN ADMINISTRATION GMBH

SECOND OCEAN GMBH & CO. KG

SEIBOW LIMITED

SEIBOW LOGISTICS LIMITED

SEIFI, Asadollah

SEPID SHIPPING COMPANY LIMITED\*

SEVENTH OCEAN ADMINISTRATION GMBH

SEVENTH OCEAN GMBH & CO. KG

SEYYEDI, Seyed Nasser Mohammad\*

SEYYEDI, Seyedeh Hanieh Seyed Nasser Mohammad

SHAHID TONDGOOYAN PETROCHEMICAL COMPANY\*

SHALLON LIMITED

SHAZAND PETROCHEMICAL COMPANY\*

SHERE SHIPPING COMPANY LIMITED

SHIPPING COMPUTER SERVICES COMPANY

SHOMAL CEMENT COMPANY

SIMA GENERAL TRADING CO FZE\*

SIMA SHIPPING COMPANY LIMITED\*

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SINA BANK\*

SINA SHIPPING COMPANY LIMITED\*

SINGA TANKERS PTE. LTD.

SINO ACCESS HOLDINGS LIMITED

SINOSE MARITIME PTE. LTD.

SIQIRIYA MARITIME CORP.

SIXTH OCEAN ADMINISTRATION GMBH

SIXTH OCEAN GMBH & CO. KG

SMART DAY HOLDINGS GROUP LIMITED

SOKOLENKO, Vitaly

SORINET COMMERCIAL TRUST (SCT) BANKERS

SOROUSH SARZAMIN ASATIR SHIP MANAGEMENT COMPANY

SOUTH SHIPPING LINE IRAN

SPEEDY SHIP FZC

SPRINGTHORPE LIMITED

STARRY SHINE INTERNATIONAL LIMITED

SWISS MANAGEMENT SERVICES SARL\*

SYNERGY GENERAL TRADING FZE\*

SYSTEM WISE LIMITED

TABATABAEI, Seyyed Mohammad Ali Khatibi\*

TABRIZ PETROCHEMICAL COMPANY\*

TADBIR BROKERAGE COMPANY\*

TADBIR CONSTRUCTION DEVELOPMENT COMPANY\*

TADBIR ECONOMIC DEVELOPMENT GROUP\*

TADBIR ENERGY DEVELOPMENT GROUP CO.\*

TADBIR INVESTMENT COMPANY\*

TAFAZOLI, Ahmad

TALAI, Mohamad

TAMAS COMPANY

TAT BANK\*

TC SHIPPING COMPANY LIMITED\*

TENTH OCEAN GMBH & CO. KG

THE EXPLORATION AND NUCLEAR RAW MATERIALS PRODUCTION

COMPANY

THE NUCLEAR REACTORS FUEL COMPANY

THIRD OCEAN ADMINISTRATION GMBH

THIRD OCEAN GMBH & CO. KG

THIRTEENTH OCEAN GMBH & CO. KG

TONGHAM SHIPPING CO LTD

TOP GLACIER COMPANY LIMITED

TOP PRESTIGE TRADING LIMITED

TOSEE EQTESAD AYANDEHSAZAN COMPANY\*

TOSEE TAAVON BANK\*

TOURISM BANK\*

TRADE TREASURE LIMITED

TRUE HONOUR HOLDINGS LIMITED

TWELFTH OCEAN ADMINISTRATION GMBH

TWELFTH OCEAN GMBH & CO. KG

UPPERCOURT SHIPPING COMPANY LIMITED

VALFAJR 8TH SHIPPING LINE CO SSK

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VOBSTER SHIPPING COMPANY LTD

WEST SUN TRADE GMBH\*

WIPPERMANN, Ulrich

WOKING SHIPPING INVESTMENTS LIMITED

YASINI, Seyed Kamal

YAZDI, Bahareh Mirza Hossein

ZADEH, Hassan Jalil

ZANJANI, Babak Morteza

ZARIN RAFSANJAN CEMENT COMPANY\*

ZEIDI, Hossein

ZHUHAI ZHENRONG COMPANY

ZIRACCHIAN ZADEH, Mahmoud\*

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x

Denotes blocked property of individuals and entities identified as GOI by the Office of Foreign

Assets Control. U.S. persons and foreign entities owned or controlled by a U.S. person will

continue to be prohibited from transactions with these individuals and entities, pursuant to the

Iranian Transactions and Sanctions Regulations.

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|  |  |  |  |
| --- | --- | --- | --- |
| **BLOCKED PROPERTY** | **PROPERTY OF** | **TYPE** | **IMO**  **NUMBER** |
| EP-CFD | IRAN AIR | Aircraft |  |
| EP-CFE | IRAN AIR | Aircraft |  |
| EP-CFH | IRAN AIR | Aircraft |  |
| EP-CFI | IRAN AIR | Aircraft |  |
| EP-CFJ | IRAN AIR | Aircraft |  |
| EP-CFK | IRAN AIR | Aircraft |  |
| EP-CFL | IRAN AIR | Aircraft |  |
| EP-CFM | IRAN AIR | Aircraft |  |
| EP-CFO | IRAN AIR | Aircraft |  |
| EP-CFP | IRAN AIR | Aircraft |  |
| EP-CFQ | IRAN AIR | Aircraft |  |
| EP-CFR | IRAN AIR | Aircraft |  |
| EP-IAA | IRAN AIR | Aircraft |  |
| EP-IAB | IRAN AIR | Aircraft |  |
| EP-IAC | IRAN AIR | Aircraft |  |
| EP-IAD | IRAN AIR | Aircraft |  |
| EP-IAG | IRAN AIR | Aircraft |  |
| EP-IAH | IRAN AIR | Aircraft |  |
| EP-IAI | IRAN AIR | Aircraft |  |
| EP-IAM | IRAN AIR | Aircraft |  |
| EP-IBA | IRAN AIR | Aircraft |  |
| EP-IBB | IRAN AIR | Aircraft |  |
| EP-IBC | IRAN AIR | Aircraft |  |
| EP-IBD | IRAN AIR | Aircraft |  |
| EP-IBG | IRAN AIR | Aircraft |  |
| EP-IBH | IRAN AIR | Aircraft |  |
| EP-IBI | IRAN AIR | Aircraft |  |
| EP-IBJ | IRAN AIR | Aircraft |  |
| EP-IBK | IRAN AIR | Aircraft |  |
| EP-IBL | IRAN AIR | Aircraft |  |
| EP-IBM | IRAN AIR | Aircraft |  |
| EP-IBN | IRAN AIR | Aircraft |  |
| EP-IBP | IRAN AIR | Aircraft |  |
| EP-IBQ | IRAN AIR | Aircraft |  |
| EP-IBS | IRAN AIR | Aircraft |  |
| EP-IBT | IRAN AIR | Aircraft |  |
| EP-IBV | IRAN AIR | Aircraft |  |
| EP-IBZ | IRAN AIR | Aircraft |  |
| EP-ICD | IRAN AIR | Aircraft |  |
| EP-ICE | IRAN AIR | Aircraft |  |
| EP-ICF | IRAN AIR | Aircraft |  |
| EP-IDA | IRAN AIR | Aircraft |  |

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|  |  |  |  |
| --- | --- | --- | --- |
| EP-IDD | IRAN AIR | Aircraft |  |
| EP-IDF | IRAN AIR | Aircraft |  |
| EP-IDG | IRAN AIR | Aircraft |  |
| EP-IEB | IRAN AIR | Aircraft |  |
| EP-IEC | IRAN AIR | Aircraft |  |
| EP-IED | IRAN AIR | Aircraft |  |
| EP-IEE | IRAN AIR | Aircraft |  |
| EP-IEF | IRAN AIR | Aircraft |  |
| EP-IEG | IRAN AIR | Aircraft |  |
| EP-IRK | IRAN AIR | Aircraft |  |
| EP-IRL | IRAN AIR | Aircraft |  |
| EP-IRM | IRAN AIR | Aircraft |  |
| EP-IRN | IRAN AIR | Aircraft |  |
| EP-IRR | IRAN AIR | Aircraft |  |
| EP-IRS | IRAN AIR | Aircraft |  |
| EP-IRT | IRAN AIR | Aircraft |  |
| EP-MDD | IRAN AIR | Aircraft |  |
| EP-MDE | IRAN AIR | Aircraft |  |
| UR-BXI | IRAN AIR | Aircraft |  |
| UR-BXL | IRAN AIR | Aircraft |  |
| UR-BXM | IRAN AIR | Aircraft |  |
| UR-CGS | IRAN AIR | Aircraft |  |
| UR-CGT | IRAN AIR | Aircraft |  |
| UR-CHW | IRAN AIR | Aircraft |  |
| UR-CHX | IRAN AIR | Aircraft |  |
| UR-CHY | IRAN AIR | Aircraft |  |
| UR-CHZ | IRAN AIR | Aircraft |  |
| UR-CJQ | IRAN AIR | Aircraft |  |
| UR-BHJ | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| UR-BXN | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| UR-CIX | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| UR-CIY | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| UR-CJA | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| UR-CJK | PRYVATNE AKTSIONERNE TOVARYSTVO  AVIAKOMPANIYA | Aircraft |  |
| RIONA | HAFIZ DARYA SHIPPING CO | Vessel | 9349588 |
| MIRZA KOCHEK KHAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 7027899 |
| ASSA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 7632814 |
| AMITEES | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 7632826 |
| HORMUZ 2 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 7904580 |
| PARMIDA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8105284 |
| BARSAM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8107581 |
| PANTEA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8108559 |
| IRAN AKHAVAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8113009 |

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| SARINA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8203608 |
| SABRINA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8215742 |
| ATTRIBUTE | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309593 |
| ALIAS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309608 |
| AQUARIAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309610 |
| ADVENTIST | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309622 |
| AGEAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309634 |
| ANGEL | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309646 |
| AGILE | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309658 |
| AJAX | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309672 |
| ACROBAT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309684 |
| SHADFAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309696 |
| AMPLIFY | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8309701 |
| IRAN HORMUZ 21 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8314263 |
| IRAN HORMUZ 22 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8314275 |
| IRAN HORMUZ 23 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8319782 |
| IRAN SHALAK | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8319940 |
| IRAN YOUSHAT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8319952 |
| AEROLITE | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320121 |
| ADRIAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320133 |
| NAGHMEH | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320145 |
| RONAK | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320157 |
| ACCURATE | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320169 |
| TABANDEH | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320171 |
| GULAFSHAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320183 |
| ALAMEDA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8320195 |
| IRAN PARAK | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8322064 |
| IRAN CHARAK | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8322076 |
| IRAN HORMUZ 25 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8422072 |
| IRAN HORMUZ 26 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8422084 |
| DORITA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8605234 |
| IRAN SHALAMCHEH | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8820925 |
| AAJ | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 8984484 |
| IRAN HORMUZ 12 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9005596 |
| IRAN KONG | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9007582 |
| VISTA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9010711 |
| VIANA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9010723 |
| IRAN HORMUZ 14 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9020778 |
| HAMD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9036052 |
| SOBHAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9036935 |
| SATTAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9040479 |
| ABBA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9051624 |
| BEHDAD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9051636 |
| PARSHAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9051648 |
| VALERIAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9051650 |
| NEGEEN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9071519 |
| ATTAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9074092 |
| PARIN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9076478 |

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| TEEN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9101649 |
| GOWHAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9103087 |
| IRAN DALEER | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9118551 |
| PATRIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9137210 |
| NARDIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9137246 |
| KADOS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9137258 |
| ZOMOROUD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9138044 |
| BRELYAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9138056 |
| NILDA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165786 |
| JOVITA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165798 |
| MANOLA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165803 |
| GLADIOLUS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165815 |
| ELYANA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165827 |
| NEGAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9165839 |
| SAVIZ | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9167253 |
| GLOXINIA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9167265 |
| NESHAT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9167277 |
| BEHSHAD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9167289 |
| JAIRAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9167291 |
| IRAN SHAHED | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9184691 |
| GOLSAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9193185 |
| ZARSAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9193197 |
| ARVIN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9193202 |
| ARTAVAND | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9193214 |
| TERESA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9209324 |
| GABRIELA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9209336 |
| SARITA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9209348 |
| SILVER CRAFT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9209350 |
| MAHNAM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9213387 |
| TERMEH | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9213399 |
| MAHSAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9226944 |
| HAMADAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9226956 |
| TARADIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9245304 |
| PARMIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9245316 |
| ZAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9260160 |
| ZIVAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9260172 |
| VALILI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9270646 |
| SHAMIM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9270658 |
| IRAN SHAHR-E-KORD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9270684 |
| IRAN KASHAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9270696 |
| SININ | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9274941 |
| PARMIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9283007 |
| AZARGOUN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9283019 |
| SALIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9283021 |
| GOLBON | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9283033 |
| PARDIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9284142 |
| TANDIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9284154 |
| SHERE | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9305192 |

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| UPPERCOURT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9305207 |
| TONGHAM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9305219 |
| VOBSTER | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9305221 |
| GOLAFRUZ | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9323833 |
| ADALIA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9328900 |
| SHABGOUN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9346524 |
| AGATA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9346536 |
| BENITA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9346548 |
| MARISOL | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9349576 |
| ORIANA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9349590 |
| MERCEDES | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9349667 |
| RAMONA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9349679 |
| GILDA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9367982 |
| SANIA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9367994 |
| SARIR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9368003 |
| SOMIA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9368015 |
| GLORY | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9369710 |
| ARIES | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9369722 |
| ABTIN 1 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9379636 |
| ARSHAM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9386500 |
| PARSHAD | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9387786 |
| HAADI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9387798 |
| RAAZI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9387803 |
| SAEI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9387815 |
| ARTMAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9405930 |
| BASKAR | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9405942 |
| BAHJAT | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9405954 |
| HAAMI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9405966 |
| SHAADI | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9405978 |
| SHAYAN 1 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9420356 |
| TABAN 1 | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9420368 |
| YARAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9420370 |
| AMIN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9422366 |
| AVANG | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465746 |
| KIAZAND | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465758 |
| BATIS | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465760 |
| WARTA | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465849 |
| SALIM | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465851 |
| ARDAVAN | ISLAMIC REPUBLIC OF IRAN SHIPPING LINES | Vessel | 9465863 |
| NAMI | LISSOME MARINE SERVICES LLC | Vessel | 8419178 |
| GAS CAMELLIA | LISSOME MARINE SERVICES LLC | Vessel | 8803381 |
| TESS | LISSOME MARINE SERVICES LLC | Vessel | 8913564 |
| KATERINA 1 | LISSOME MARINE SERVICES LLC | Vessel | 9031959 |
| MARIA | LISSOME MARINE SERVICES LLC | Vessel | 9110626 |
| SUN OCEAN | LISSOME MARINE SERVICES LLC | Vessel | 9408358 |
| ×  YOUNES | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8212465 |
| ×  YOUSEF | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8316106 |
| ×  YAGHOUB | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8316168 |

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| ×  TOLOU | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8318178 |
| ×  VALFAJR2 | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8400103 |
| ×  BADR | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8407345 |
| ×  BANEH | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8508462 |
| ×  SARDASHT | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8517231 |
| ×  MARIVAN | NATIONAL IRANIAN TANKER COMPANY | Vessel | 8517243 |
| ×  BRIGHT | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9005235 |
| ×  CARIBO | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9011246 |
| ×  AURA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9013749 |
| ×  BICAS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9077850 |
| ×  MAHARLIKA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9079066 |
| ×  NAPOLI | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9079078 |
| ×  NYOS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9079080 |
| ×  NAINITAL | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9079092 |
| ×  NATIVE LAND | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9079107 |
| ×  ATLANTIC | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9107655 |
| ×  SPARROW | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9171450 |
| ×  SWALLOW | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9171462 |
| ×  SUPERIOR | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9172038 |
| ×  SPOTLESS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9172040 |
| ×  SABRINA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9172052 |
| ×  DESTINY | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9177155 |
| ×  HUMANITY | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9180281 |
| ×  ORIENTAL | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9183934 |
| ×  SHONA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9187629 |
| ×  ABELIA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9187631 |
| ×  ALERT | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9187643 |
| ×  SUNDIAL | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9187655 |
| ×  SILVER CLOUD | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9187667 |
| ×  HUWAYZEH | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9212888 |
| ×  HORIZON | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9212890 |
| ×  HAPPINESS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9212905 |
| ×  MARINA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9212917 |
| ×  HALISTIC | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9212929 |
| ×  DELVAR | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9218454 |
| ×  DAYLAM | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9218466 |
| ×  DAMAVAND | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9218478 |
| ×  DENA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9218480 |
| ×  DARAB | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9218492 |
| ×  IRAN FAZEL | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9283746 |
| ×  FIANGA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9283760 |
| ×  IRAN FAHIM | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9286140 |
| ×  IRAN FALAGH | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9286152 |
| ×  DECESIVE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9356593 |
| ×  SANCHI | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9356608 |
| ×  MAJESTIC | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357183 |
| ×  SUCCESS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357353 |
| ×  SUNEAST | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357365 |

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| ×  SPLENDOUR | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357377 |
| ×  COURAGE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357389 |
| ×  HONESTY | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357391 |
| ×  AMBER | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357406 |
| ×  DAL LAKE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357717 |
| ×  JUSTICE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9357729 |
| ×  HYDRA | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9362059 |
| ×  DOVE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9362061 |
| ×  ZEUS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9362073 |
| ×  IMICO NEKA 455 | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9404546 |
| ×  IMICO NEKA 456 | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9404558 |
| ×  IMICO NEKA 457 | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9404560 |
| ×  SUNSHINE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569205 |
| ×  DOJRAN | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569619 |
| ×  ATLANTIS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569621 |
| ×  FORTUN | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569633 |
| ×  SALALEH | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569645 |
| ×  SMOOTH | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569657 |
| ×  SKYLINE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569669 |
| ×  INFINITY | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569671 |
| ×  DEMOS | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9569683 |
| YANGZHOU DAYANG  ×  DY905 | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9575424 |
| ×  SUNRISE | NATIONAL IRANIAN TANKER COMPANY | Vessel | 9615092 |
| ANTHEM | SIQIRIYA MARITIME CORP | Vessel | 8310669 |
| JAFFNA | SIQIRIYA MARITIME CORP | Vessel | 8609515 |
| OLYSA | SIQIRIYA MARITIME CORP | Vessel | 9001605 |

**ATTACHMENT 4**

ABBASI-DAVANI, Fereidoun

ADVANCE ELECTRICAL AND INDUSTRIAL TECHNOLOGIES SL

ALUMINAT

ANDISHEH ZOLAL

ARIA NIKAN MARINE INDUSTRY

BUJAR, Farhad

DAYENI, Mahmoud Mohammadi

EYVAZ TECHNIC MANUFACTURING COMPANY

FAKHRIZADEH-MAHABADI, Mohsen

FARATECH

FARAYAND TECHNIQUE

FULMEN GROUP

IMANIRAD, Arman

IMANIRAD, Mohammad Javad

IRAN CENTRIFUGE TECHNOLOGY COMPANY

IRAN POOYA

JAHAN TECH ROOYAN PARS

JAVEDAN MEHR TOOS

KAHVARIN, Iradj Mohammadi

KALAYE ELECTRIC COMPANY

KHAKI, Parviz

MANDEGAR BASPAR KIMIYA COMPANY

MARO SANAT COMPANY

MODERN INDUSTRIES TECHNIQUE COMPANY

NEDA INDUSTRIAL GROUP

NEKA NOVIN

PARTO SANAT CO.

PAYA PARTOV CO.

PENTANE CHEMISTRY INDUSTRIES

PETRO GREEN

PISHRO SYSTEMS RESEARCH COMPANY

POUYA CONTROL

PUNTI, Pere

RAHIMYAR, Amir Hossein

SIMATIC DEVELOPMENT CO.

TAGHTIRAN KASHAN COMPANY

TANIDEH, Hossein

TARH O PALAYESH

THE ORGANIZATION OF DEFENSIVE INNOVATION AND RESEARCH

TOWLID ABZAR BORESHI IRAN

WISSER, Gerhard

YASA PART

ZOLAL IRAN COMPANY

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**JCPOA Annex III - Civil Nuclear Cooperation**

**A.**

**B.**

**4.**

**General**

1. Iran and E3/EU+3 decided to co-operate, among others, including through

IAEA technical cooperation, where appropriate, and without prejudice to the

existing bilateral agreements, in different areas of civil nuclear co-operation to

be developed within the framework of this JCPOA, as detailed in this Annex.

In this context, the Joint Commission will also support assistance to Iran,

including through IAEA technical cooperation projects, as appropriate.

2. All civil nuclear cooperation projects under this JCPOA will be mutually

determined by the participating states and will be consistent with the JCPOA

and the national laws and regulations of the participating parties.

3. The civil nuclear and scientific cooperation projects envisioned between Iran

and the E3/EU+3 as part of this JCPOA may be undertaken in a variety of

formats, with a variety of potential participants. A given project undertaken by

the E3/EU+3 will not necessarily include participation by all E3/EU+3 parties:

3.1. bilateral or multilateral cooperation arrangements with Iran. Such

arrangements would be mutually determined by the participating states.

3.2. projects under the auspices of the IAEA, either through IAEA technical

co-operation projects including through Project and Supply Agreements.

3.3. through International Science and Technology Centres.

Specifically, E3/EU+3 parties will undertake, to develop nuclear co-operation

with Iran, in particular within the following areas:

**Reactors, Fuels and Associated Technologies, Facilities and Processes**

**Modern light water power and research reactors and associated equipment,**

**technologies and facilities**

E3/EU+3 parties, as appropriate, will facilitate Iran’s acquisition of light-water

research and power reactors, for research, development and testing, and for the

supply of electricity and desalination, with arrangements for the assured supply of

nuclear fuel and the removal of spent fuel as provided for in relevant contracts, for

each reactor provided. This may include the following areas for co-operation:

4.1. Construction as well as effective and safe operation of new light water power

reactors and associated equipment, according to Generation III+ requirements,

including small and medium sized nuclear reactors, including joint design and

manufacturing, as appropriate.

4.2. Construction of state of the art light water moderated multipurpose research

reactors capable of testing fuel pins, assembly prototypes and structural

materials with associated related facilities, including joint design and

manufacturing, as appropriate.

4.3. Supply of state-of-the-art instrumentation and control systems for the above

research and power reactors, including joint design and manufacturing, as

appropriate;

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4.4. Supply of nuclear simulation and calculation codes and software solutions

with regard to the above areas, including joint development, as appropriate;

4.5. Supply of first and second loop main equipment as well as core of the above

research and power reactors, including joint design and manufacturing, as

appropriate;

4.6. On-the-job training on fuel management scenarios and reshuffling for the

above research and power nuclear reactors;

4.7. Joint technical review of Iran’s current nuclear reactors, upon the request by

Iran, in order to upgrade current equipment and systems, including concerning

nuclear safety;

**5.**

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**Arak Modernisation Project**

5.1. As described in Section B of Annex I, an international partnership composed

of E3/EU+3 parties and Iran, which may subsequently be enlarged to include

mutually determined third countries will be established, to support and facilitate

the redesign and rebuilding of the IR-40 reactor at Arak into a modernised, not

exceeding 20MWth, heavy-water moderated and cooled research reactor, based

on the agreed conceptual design (as attached to Annex I).

5.2. Iran will take the leadership role as the owner and as the project manager, and

have responsibility for overall implementation of the Arak modernisation

project. A Working Group composed of E3/EU+3 participants will be

established to support and facilitate the redesigning and rebuilding of the

reactor. An international partnership composed of Iran and the Working Group

would implement the Arak modernisation project, with E3/EU+3 participants

assuming responsibilities as described in Annex I. The Working Group could

be enlarged to include other countries by consensus of the participants of the

Working Group and Iran. E3/EU+3 participants and Iran will conclude an

official document expressing their strong commitments to the Arak

modernisation project in advance of Implementation Day which would provide

an assured path forward to modernise the reactor and would define the

responsibilities assumed by the E3/EU+3 participants, especially in the key

areas such as redesign, design review and certification, reactor core

manufacturing, fuel design, fabrication and supply, safety and security, spent

fuel treatment or disposition, as well as concerning the supply of materials,

equipment, instrumentation and control systems, and subsequently contracts

would be concluded. The participants of the Working Group will provide

assistance needed by Iran for redesigning and rebuilding the reactor, consistent

with their respective national laws, in such a manner as to enable the safe and

timely construction and commissioning of the modernised reactor.

5.3. Iran and the Working Group will cooperate to develop the final design of the

modernised reactor and the design of the subsidiary laboratories to be carried

out by Iran, and review conformity with international safety standards, such

that the reactor can be licensed by the relevant Iranian regulatory authority for

commissioning and operation.

5.4. Iran will continue to assume the primary responsibility for financing the

modernisation project. Additional funding arrangements for the project,

including for IAEA projects supporting the Arak modernisation project, will be

determined based on the official document and contracts to be subsequently

concluded.

**6.**

**C.**

**Nuclear Fuel**

6.1. E3/EU+3 parties, as appropriate, will support assistance to Iran, including

through the IAEA, as appropriate, in meeting international qualification

standards for nuclear fuel fabricated by Iran.

6.2. E3/EU+3 parties will seek to cooperate regarding the supply of modern fuels,

including, as appropriate, joint design and fabrication, the relevant licenses

and fabrication technologies and equipment and related infrastructure, for

current and future nuclear research and power reactors, including technical

assistance on purification processes, forming and metallurgical activities for

different types of nuclear fuel clads and cladding for the modernised Arak

heavy water research reactor.

**Research and Development (R&D) Practices**

7. To implement other aspects of this JCPOA and in support of a broader opening

of scientific engagements between the E3/EU+3 and Iran, the E3/EU+3 and

Iran will seek cooperation and scientific exchange in the field of nuclear

science and technology:

7.1. Accelerator-based nuclear physics and nuclear astrophysics research, and

stable isotope production in international collaboration at the nuclear, physics,

and technology centre at the Fordow facility. Iran will request from the

E3/EU+3 and other interested parties specific proposals for cooperative

international nuclear, physics, and technology projects and will host an

international workshop to review these proposals. The goal is to realise

international collaborative projects within a few years. The transitioning to

stable isotope production of two cascades will be conducted in a joint

partnership between the Russian Federation and Iran on the basis of

arrangements to be mutually agreed upon.

7.2. Plasma physics and nuclear fusion;

7.3. Research reactor applications at the TRR, modernized Arak reactor, or at other

future research reactors in Iran, such as:

7.3.1. Training

7.3.2. Radio-isotope production and utilization

7.3.3. Nuclear desalination

7.3.4. Neutron transmutation doping

7.3.5. Neutron activation analysis

7.3.6. Neutron capture therapy

7.3.7. Neutron imaging and materials characterization studies using neutron

beams

7.4. E3/EU+3 parties and Iran could also explore co-operation in the

following additional areas:

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7.4.1. Design, manufacture and/or assembly

instrumentation and technologies;

of in-core measuring

7.4.2.

7.4.3.

7.4.4.

7.4.5.

7.4.6.

Nuclear instrumentation and control, systems and electronics design,

manufacture and/or assembly;

Fusion technology and plasma physics and related infrastructure and

facilitating contribution of Iran to the International Thermonuclear

Experimental Reactor (ITER) Project and/or similar projects, including

relevant IAEA technical cooperation projects;

Neutrino astronomy;

Design and manufacturing, and supply, of different types of accelerators

and supply of related equipment including through relevant IAEA

technical cooperation projects;

Data acquisition and processing software and interface equipment;

**D.**

**8.**

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**Nuclear Safety, Safeguards and Security**

**Nuclear safety**

E3/EU+3 parties, and possibly other states, as appropriate, are prepared to cooperate

with Iran to establish a Nuclear Safety Centre in Iran, engage in workshops and

training events in Iran to support interactions between Iranian nuclear regulatory

authorities and those from the E3/EU+3 and elsewhere to, among other things, share

lessons learned on establishing and maintaining regulatory independence and

effectiveness, and training on implementing nuclear safety culture and best

practices; facilitate exchanges and visits to nuclear regulatory authorities and

nuclear power plants outside of Iran focusing on best practices for safe operation;

and enhance and strengthen domestic emergency preparedness and severe accident

management capability.

Provide support and assistance to enable Iran to join relevant conventions on

nuclear safety and security, e.g. through workshops or seminars furthering accession

to such commitments. Such workshops or seminars could also take place under the

auspices of the IAEA.

E3/EU+3 parties, and possibly other states, as appropriate, will co-operate with Iran

in the following areas of nuclear safety, as well as in other areas to be mutually

agreed:

8.1. Conclusion of bilateral/multilateral agreements with related organisations and

research centres;

8.2. Supply of valid codes, instruments and equipment related to nuclear safety;

8.3. Facilitate exchange of knowledge and experience in the area of nuclear safety;

8.4. Enhance and strengthen domestic emergency preparedness and severe accident

management capability;

8.5. Arrange on-the-job training and apprenticeship courses for reactor and facility

operators, regulatory authority personnel and related supportive organizations

in the area of nuclear safety inside and outside of Iran;

8.6. Establish a Nuclear Safety Centre in Iran, which shall be equipped with

necessary tools, techniques and equipment, in order to support and facilitate

technical and professional training and exchange of lessons-learned for reactor

and facility operators, regulatory authority personnel and related supportive

organizations;

**9.**

**10.**

**E.**

**Nuclear Safeguards**

E3/EU+3 parties, and possibly other states, as appropriate, are prepared to cooperate

with Iran on the effective and efficient implementation of IAEA safeguards and

transparency measures in Iran. Co-operation in the following areas can be

envisaged:

9.1. Cooperation in the form of on-the-job trainings and workshops to strengthen

nuclear material accounting and control process, human resource development,

and quality assurance/quality control processes;

9.2. E3/EU+3 parties, and other states, as appropriate, are prepared to cooperate

with Iran for the effective and efficient implementation of IAEA safeguards

and transparency measures in Iran.

9.3. This cooperation could take the form of training and workshops to strengthen

Iran’s safeguards regulatory authority, nuclear material accounting and control

processes, human resource development, and quality assurance/quality control

processes.

**Nuclear Security**

E3/EU+3 parties, and possibly other states, as appropriate, are prepared to cooperate

with Iran on the implementation of nuclear security guidelines and best practices.

Co-operation in the following areas can be envisaged:

10.1. Co-operation in the form of training courses and workshops to strengthen

Iran’s ability to prevent, protect and respond to nuclear security threats to

nuclear facilities and systems as well as to enable effective and sustainable

nuclear security and physical protection systems;

10.2. Co-operation through training and workshops to strengthen Iran’s ability to

protect against, and respond to nuclear security threats, including sabotage, as

well as to enable effective and sustainable nuclear security and physical

protection systems.

**Nuclear Medicine and Radioisotopes, Associated Technologies, Facilities**

**and Processes**

11. E3/EU+3 parties, as appropriate, are prepared to cooperate with Iran to

improve the utilization of nuclear medicine in Iran in order to enhance Iran’s

expertise in diagnostic imaging and radiotherapy, increase the availability of

medical radioisotopes for diagnosis and treatment of Iranian citizens, and

facilitate Iran’s participation in the broader international scientific and nuclear

medicine community. Such cooperation may include:

11.1. Upgrades to the infrastructure associated with existing cyclotron facilities,

including for medical radioisotopes production.

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11.2. Facilitating Iranian acquisition of a new cyclotron, and associated radio-

pharmacy equipment, for medical radioisotopes production.

11.3. Acquisition of state-of-the-art diagnostic imaging and radiotherapy equipment

for existing or new nuclear medicine centers, including co-operation between

hospitals for the treatment of individual patients.

11.4. Cooperation on occupational and patient dosimetry procedures.

11.5. Improved target utilization to increase radioisotope production.

11.6. Acquisition of radioisotope sources for bracho therapy, and radiotherapy

instrument calibration, and other medical and industrial applications.

11.7. Supply of state-of-the art radio-medicine center and necessary laboratories.

**F.**

**G.**

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**Waste Management and Facility Decommissioning**

12. E3/EU+3 parties, as appropriate, are prepared to cooperate with Iran in the

safe, effective, and efficient management and disposition of nuclear and

radiological wastes derived from Iran’s nuclear fuel cycle activities and

nuclear medicine, radioisotope production and/or consumption activities.

13. E3/EU+3 parties, as appropriate, are prepared to cooperate with Iran in areas

of safe, effective, and environmentally friendly best practices for facility

decontamination and decommissioning, including co-operation on long term

storage facilities for the repository of low and medium level waste.

14. E3/EU+3 parties, as appropriate, are prepared to facilitate exchanges and

visits to relevant sites and locations outside of Iran related to effective waste

management and best practices.

15. E3/EU+3 parties, as appropriate, will facilitate the supply of appropriate

equipment and systems for waste management and depository facilities in

Iran.

**Other projects**

16. Other projects may be implemented between the relevant E3/EU+3 parties

and Iran, as mutually determined by the participants in the JCPOA, including

in the following areas:

16.1. Construction of nuclear desalination and associated infrastructure in Iran;

16.2. Development of laser technology for medical applications (e.g. for eye

surgery);

**JCPOA Annex IV – Joint Commission**

**1.**

1.1.

1.2.

1.3.

1.4.

**2.**

2.1.

**Establishment, Composition, and Coordinator**

The Joint Commission is established to carry out the functions assigned to

it in the JCPOA, including its Annexes.

The Joint Commission is comprised of representatives of Iran and the

E3/EU+3 (China, France, Germany, the Russian Federation, the United

Kingdom, and the United States, with the High Representative of the

Union for Foreign Affairs and Security Policy), together, the JCPOA

participants.

The Joint Commission may establish Working Groups in particular areas,

as appropriate.

The High Representative of the Union for Foreign Affairs and Security

Policy (‘High Representative’), or his/her designated representative will

serve as the Coordinator of the Joint Commission.

**Functions**

The Joint Commission will perform the following functions:

2.1.1.

2.1.2.

2.1.3.

2.1.4.

2.1.5.

2.1.6.

2.1.7.

Review and approve the final design for the modernized heavy water

research reactor and the design of the subsidiary laboratories prior to the

commencement of construction, and review and approve the fuel design for

the modernized heavy water research reactor as provided for in Section B

of Annex I;

Review and approve, upon request by Iran, development, acquisition,

construction or operation of hot cells (containing a cell or interconnected

cells), shielded cells or shielded glove boxes with dimensions beyond

6 cubic meters in volume and specifications set out in Annex I of the

Additional Protocol, as provided for in paragraph 21 of Annex I;

Review and approve plans submitted by Iran to initiate R&D on uranium

metal based TRR fuel, as provided for in paragraph 26 of Annex I;

Review and approve, upon request by Iran, projects on new types of

centrifuges to proceed to a prototype stage for mechanical testing, as

provided for in paragraph 43 of Annex I;

Receive information in advance about the specific projects that will be

undertaken at Fordow, as provided for in paragraph 44 of Annex I;

Receive information about the conceptual framework of stable isotope

production at Fordow, as provided for in paragraph 46.1 of Annex I;

Assess and then approve, upon request by Iran, that fuel assemblies

manufactured in Iran and their intermediate products cannot be readily

reconverted into UF6, based on the objective technical criteria, with the

goal of enabling fuel to be fabricated in Iran, as provided in paragraph 59

of Annex I;

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2.1.8.

2.1.9.

Support assistance to Iran, including through IAEA technical cooperation

as appropriate, in meeting international qualification standards for nuclear

fuel produced by Iran, as provided for in paragraph 59 of Annex I;

Review and approve in advance, upon request by Iran, engagement by Iran,

including through export of any enrichment or enrichment related

equipment and technology, with any other country, or with any foreign

entity in enrichment and enrichment related activities, including related

research and development, as provided for in paragraph 73 in Annex I;

2.1.10. Provide consultation, and advise on the necessary means in the context of

access as specified in paragraph 78 of Annex I;

2.1.11. Review and approve in advance, upon request by Iran, the design,

development, fabrication, acquisition, or use for non-nuclear purposes of

multi-point explosive detonation systems suitable for a nuclear explosive

device and explosive diagnostic systems (streak cameras, framing cameras

and flash x-ray cameras) suitable for the development of a nuclear

explosive device, as provided for in paragraphs 82.2 and 82.3 of Annex I;

2.1.12. Review and consult to address issues arising from the implementation of

sanctions lifting as specified in this JCPOA and its Annex II;

2.1.13. Review and decide on proposals for nuclear-related transfers to or

activities with, Iran, in accordance with Section 6 of this Annex and the

United Nations Security Council resolution endorsing this JCPOA;

2.1.14. Review, with a view to resolving, any issue that a JCPOA participant

believes constitutes nonperformance by another JCPOA participant of its

commitments under the JCPOA, according to the process outlined in the

JCPOA;

2.1.15. Adopt or modify, as necessary, procedures to govern its activities;

2.1.16. Consult and provide guidance on other implementation matters that may

arise under the JCPOA.

**3.**

3.1.

3.2.

3.3.

3.4.

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**Procedures**

The Joint Commission will meet on a quarterly basis and at any time upon

request of a JCPOA participant to the Coordinator. The Coordinator will

convene a meeting of the Joint Commission to be held no later than one

week following receipt of such a request, except for consultations in

accordance with Section Q of Annex I and any other matter that the

Coordinator and/or a JCPOA participant deem urgent, in which case the

meeting will be convened as soon as possible and not later than three

calendar days from receipt of the request.

Meetings of the Joint Commission will be held in New York, Vienna, or

Geneva as appropriate. The host country should facilitate entry formalities

for those attending such meetings.

The Joint Commission may decide by consensus to invite observers to

attend its meetings.

Except as provided in Section 6 of this Annex which will be subject to the

confidentiality procedure of the UN, the work of the Joint Commission is

confidential and may be shared only among JCPOA participants and

observers as appropriate, unless the Joint Commission decides otherwise.

**4.**

4.1.

4.2.

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**5.**

5.1.

5.2.

**6.**

6.1.

6.1.1.

6.1.2.

**Decisions**

Except as stated otherwise in this Annex, decisions by the Joint

Commission are to be made by consensus.

Each JCPOA participant will have one vote. Decisions of the Joint

Commission are to be taken by the Representative or the Deputy

Representative or other such alternate as the JCPOA participant may

designate.

The vote of each JCPOA participant will be made known to all other

JCPOA participants if any JCPOA participant requests a recorded vote.

Matters before the Joint Commission pursuant to Section Q of Annex I are

to be decided by consensus or by affirmative vote of five JCPOA

participants. There is no quorum requirement.

The Coordinator will not take part in decision-making on nuclear-related

transfers and activities as set out in Section 6 of this Annex.

**Other**

Each JCPOA participant will be responsible for its own costs of

participating in the Joint Commission, unless the Joint Commission decides

otherwise.

JCPOA participants may request that the Coordinator circulates a

notification to the other JCPOA participants at any time. Upon such a

request, the Coordinator will circulate such notification without delay to all

JCPOA participants.

**Procurement Working Group**

With the purpose of establishing a procurement channel, the Joint

Commission will, except as otherwise provided by the United Nations

Security Council resolution endorsing this JCPOA, review and decide on

proposals by states seeking to engage in:

the supply, sale or transfer directly or indirectly from their territories, or by

their nationals or using their flag vessels or aircraft to, or for the use in or

benefit of, Iran, and whether or not originating in their territories, of all

items, materials, equipment, goods and technology set out in

INFCIRC/254/Rev.12/Part 1, and, if the end-use will be for Iran’s nuclear

programme set out in this JCPOA or other non-nuclear civilian end-use, all

items, materials, equipment, goods and technology set out in

INFCIRC/254/Rev.9/Part 2 (or the most recent version of these documents

as updated by the Security Council), as well as any further items if the

relevant State determines that they could contribute to activities

inconsistent with the JCPOA; and,

the provision to Iran of any technical assistance or training, financial

assistance, investment, brokering or other services related to the supply,

sale, transfer, manufacture, or use of the items, materials, equipment,

goods and technology described in subparagraph (a) above;

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6.1.3.

6.2.

6.3.

6.4.

6.4.1.

6.4.2.

6.4.3.

6.4.4.

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acquisition by Iran of an interest in a commercial activity in another State

involving uranium mining, production or use of nuclear materials and

technologies as listed in INFCIRC/254/Rev.12/Part 1, and such

investments in territories under their jurisdiction by Iran, its nationals, and

entities incorporated in Iran or subject to its jurisdiction, or by individuals

or entities acting on their behalf or direction, or by entities owned or

controlled by them.

The Joint Commission will discharge its responsibility for reviewing and

making recommendations on proposals for nuclear-related transfers to or

activities with Iran through a Procurement Working Group.

Each E3+3 State and Iran will participate in the Procurement Working

Group. The High Representative will serve as the Coordinator of the

Procurement Working Group.

Except as otherwise provided by the Joint Commission or the United

Nations Security Council resolution endorsing this JCPOA, the

Procurement Working Group will consider proposals according to the

following process:

Upon receipt of a proposal, including all necessary supporting information,

by a State seeking to engage in transfers and activities referenced in

Section 6.1, the Coordinator will forward the proposal, through appropriate

means, without delay to the Procurement Working Group and, when the

proposal relates to items, material, equipment, goods and technology

intended to be used in nuclear activities authorized by the JCPOA, to the

IAEA. The Procurement Working Group will have up to 30 working days

to consider and decide on the proposal.

“Necessary supporting information” for purposes of Section 6.4.1 means:

(a) a description of the item; (b) the name, address, telephone number, and

email address of the exporting entity; (c) the name, address, telephone

number, and email address of the importing entity; (d) a statement of the

proposed end-use and end use location, along with an end-use certification

signed by the AEOI or the appropriate authority of Iran attesting the stated

end-use; (e) export license number if available; (f) contract date, if

available; and (g) details on transportation, if available; provided that if

any of the export license number, contract date, or details on transportation

are not available as of the time of submittal of the proposal, such

information will be provided as soon as possible and in any event as

condition of approval prior to shipment of the item.

Each participant in the Procurement Working Group will have to

communicate to the Coordinator, within 20 working days, whether it

approves or rejects the proposal. The timeline for consideration may be

extended for an additional period of 10 working days at the request of a

participant of the Procurement Working Group.

The proposal will be recommended for approval as soon as the Coordinator

receives formal approvals from all the Procurement Working Group

Participants or if, at the end of the 30 working day period, the Coordinator

has received no disapprovals from any of the Procurement Working Group

Participants. If at the end of the 30 working day period, the proposal has

not been recommended for approval, the proposal may, at the request of at

least two Working Group Participants within 5 working days, be referred to

the Joint Commission, which would decide on approval of the proposal by

consensus within 10 working days. Otherwise the proposal will be

recommended for disapproval. The disapproving JCPOA participant(s)

should provide relevant information regarding the disapproval to the Joint

Commission as appropriate, taking into account the need to protect

confidential information.

6.4.5.

6.4.6.

6.5.

6.6.

6.7.

6.8.

6.9.

The Coordinator will communicate the recommendation of the Joint

Commission to the United Nations Security Council no later than 35

working days, or in case of referral to the Joint Commission no later than

45 working days from the date the Coordinator transmitted the proposal

and all necessary supporting information to the Procurement Working

Group.

Except as decided otherwise by consensus, the Procurement Working

Group will meet every three weeks for reviewing the proposals. When

some of the proposals to be reviewed relate to items, material, equipment,

goods and technology intended to be used in nuclear activities authorized

by the JCPOA, the IAEA may be invited to attend the meeting as an

observer.

All JCPOA participants will act in accordance with the procurement

channel and will only engage in transfers and activities referenced in

Section 6.1 following approval by the Joint Commission and the United

Nations Security Council. Iran will not use, acquire, or seek to procure the

items, materials, equipment, goods, and technology referred to in Section

6.1 of this Annex for nuclear activities which are inconsistent with this

JCPOA.

Any JCPOA participant may refer a procurement-related activity to the

Joint Commission under the dispute settlement mechanism if it is

concerned that such activity is inconsistent with this JCPOA.

Iran will provide to the IAEA access to the locations of intended use of all

items, materials, equipment, goods and technology set out in

INFCIRC/254/Rev.12/Part 1 (or the most recent version of these

documents as updated by the Security Council) imported following the

procedure under Section 6 of this Annex.

Iran will permit the exporting state to verify the end-use of all items,

materials, equipment, goods and technology set out in

INFCIRC/254/Rev.9/Part 2 (or the most recent version of these documents

as updated by the Security Council) imported following the procedure

under Section 6 of this Annex. Upon request of the exporting state, or if the

Joint Commission deems necessary when approving a proposal for transfer,

the Joint Commission will provide expertise to the exporting state,

including experts, as needed, to participate in the end-use verification.

The Procurement Working Group will respond to requests for guidance on

procurement activities from third parties, as communicated by the

Coordinator. The Procurement Working Group will endeavor to respond to

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such requests for guidance within 9 working days from the date the

Coordinator submits it to the Procurement Working Group.

6.10.

**7.**

7.1.

7.2.

7.3.

7.4.

7.5.

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The Joint Commission will report to the United Nations Security Council

at least every 6 months on the status of the Procurement Working Group’s

decisions and on any implementation issues.

**Working Group on Implementation of Sanctions Lifting**

The Joint Commission will discharge its responsibilities for reviewing and

consulting on issues related to the implementation of sanctions lifting as

specified in this JCPOA assisted by a working group on the

implementation of sanctions lifting.

The Joint Commission participants will participate in this working group.

The High Representative will serve as coordinator of this working group.

If at any time following the implementation day Iran believes that any

other nuclear-related sanction or restrictive measure including related

designations of the E3/EU+3 is preventing the full implementation of the

sanctions lifting as specified in this JCPOA, the JCPOA participant in

question will consult with Iran with a view to resolving the issue. If they

are not able to resolve the issue, Iran or any member of the E3/EU+3 may

refer the issue to the working group.

The participants of the working group will review and consult, with a view

to resolving the issue within 30 working days.

If after involvement of the working group, the issue remains unresolved,

any participant of the JCPOA may refer it to the Joint Commission.

**JCPOA Annex V - Implementation Plan**1

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**A.**

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**B.**

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11.

This Annex describes the sequence of the actions specified in Annexes I and

II to this JCPOA.

**Finalisation Day**

Upon conclusion of the negotiations of this JCPOA, the E3/EU+3 (China,

France, Germany, the Russian Federation, the United Kingdom and the

United States, with the High Representative of the European Union for

Foreign Affairs and Security Policy) and Iran will endorse this JCPOA.

Promptly after the conclusion of the negotiations of this JCPOA, the

proposed UN Security Council resolution referred to in Section 18 of this

Annex will be submitted to the UN Security Council for adoption without

delay.

The EU will promptly endorse the UN Security Council resolution referred

to above through Council Conclusions.

Iran and the IAEA will start developing necessary arrangements to

implement all transparency measures provided for in this JCPOA so that such

arrangements are completed, in place, and ready for implementation on

Implementation Day.

**Adoption Day**

Adoption Day will occur 90 days after the endorsement of this JCPOA by the

UN Security Council through the resolution referred to above, or at an earlier

date by mutual consent of all JCPOA participants, at which point this JCPOA

comes into effect.

Beginning on Adoption Day, JCPOA participants will make necessary

arrangements and preparations, including legal and administrative

preparations, for the implementation of their JCPOA commitments.

Iran will officially inform the IAEA that, effective on Implementation Day,

Iran will provisionally apply the Additional Protocol, pending its ratification

by the Majlis (Parliament), and will fully implement the modified code 3.1.

Iran will implement paragraph 66 from Section M on “Past and Present

Issues of Concern” of Annex I.

The EU and its Member States will adopt an EU Regulation, taking effect as

of Implementation Day, terminating all provisions of the EU Regulation

implementing all nuclear-related economic and financial EU sanctions as

specified in Section 16.1 of this Annex, simultaneously with the IAEA-

verified implementation by Iran of agreed nuclear-related measures.

The United States, acting pursuant to Presidential authorities, will issue

waivers, to take effect upon Implementation Day, ceasing the application of

the statutory nuclear-related sanctions as specified in Sections 17.1 to 17.2 of

this Annex. The President will also take action to direct that all appropriate

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This Annex is only for the purpose of determining the sequence of implementation of the

commitments described in this JCPOA and annexes thereto and does not restrict or expand the

scope of these commitments.

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additional measures be taken to implement the cessation of application of

sanctions as specified in Sections 17.1 to 17.4 of this Annex, including the

termination of Executive orders as specified in Section 17.4, and the

licensing of activities as specified in Section 17.5.

12.

13.

**C.**

14.

15.

E3/EU+3 participants and Iran will begin discussions on an official

document to be concluded in advance of Implementation Day which will

express strong commitments of the E3/EU+3 participants to the Arak Heavy

Water Reactor modernisation project and define the responsibilities assumed

by the E3/EU+3 participants.

The EU, its Member States and the United States will begin consultation as

appropriate with Iran regarding relevant guidelines and publicly accessible

statements on the details of sanctions or restrictive measures to be lifted

under this JCPOA.

**Implementation Day**

Implementation Day will occur upon the IAEA-verified implementation by

Iran of the nuclear-related measures described in paragraph 15 below, and,

simultaneously, the E3/EU+3 taking the actions described in paragraphs 16

and 17 below, and with the actions described in paragraph 18 below taking

place at the UN level in accordance with the UN Security Council resolution.

**Iran will implement the nuclear-related measures as specified in Annex I:**

15.1. Paragraphs 3 and 10 from Section B on “Arak Heavy Water Research

Reactor”;

15.2. Paragraphs 14 and 15 from Section C on “Heavy Water Production Plant”;

15.3. Paragraphs 27, 28, 29, 29.1 and 29.2 from Section F on “Enrichment

Capacity”;

15.4. Paragraphs 32, 33, 34, 35, 36, 37, 38, 39, 40, 41 and 42 from Section G on

“Centrifuges Research and Development”;

15.5. Paragraphs 45, 46, 46.1, 46.2, 47.1, 48.1 from Section H on “Fordow Fuel

Enrichment Plant”;

15.6. Paragraphs 52, 54 and 55 from Section I on “Other Aspects of Enrichment”;

15.7. Paragraphs 57 and 58 from Section J on “Uranium Stocks and Fuels”;

15.8. Paragraph 62 from Section K on “Centrifuge Manufacturing”;

15.9. Complete the modalities and facilities-specific arrangements to allow the

IAEA to implement all transparency measures provided for in Annex I;

15.10. Paragraphs 64 and 65 from Section L on “Additional Protocol and Modified

Code 3.1”;

15.11. Paragraphs 80.1 and 80.2 from Section R on “Centrifuge Component

Manufacturing Transparency”; and

15.12. Within one year from Implementation Day, Iran will have completed the

measures specified in paragraphs 47.2 and 48.2 of Section H on “Fordow

Fuel Enrichment Plant”.

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16. **The European Union will:**

16.1. Terminate the provisions of Council Regulation (EU) No 267/2012 and

suspend the corresponding provisions of Council Decision 2010/413/CFSP

specified in Sections 1.1.1-1.1.3; 1.1.5-1.1.8; 1.2.1-1.2.5; 1.3.1, 1.3.2 (in so

far as it concerns Articles 16 and 17 of Council Decision 2010/413/CFSP)

and 1.3.3; 1.4.1 and 1.4.2; 1.10.1.2 (in so far as it concerns Articles 39, 43,

43a of Council Regulation (EU) No 267/2012) of Annex II. EU Member

States will terminate or amend national implementing legislation as required.

16.2. Amend the provisions of Council Regulation (EU) No 267/2012 and the

corresponding provisions of Council Decision 2010/413/CFSP specified in

Sections 1.6.1-1.7.2 of Annex II, in connection with activities consistent with

this JCPOA.

16.3. Remove individuals and entities set forth in Attachment 1 to Annex II of this

JCPOA from Annexes VIII and IX to Council Regulation (EU) 267/2012.

Suspend the provisions of Council Decision 2010/413/CFSP specified in

Section 1.9.1 of Annex II in relation to individuals and entities set forth in

Attachment 1 to Annex II.

16.4. Amend the provisions of Council Regulation (EU) No 267/2012 and Council

Decision 2010/413/CFSP specified in Sections 1.5.1 and 1.5.2 of Annex II to

implement the relevant provisions of the UN Security Council resolution

referred to above.

**The United States will:**2

17.1. Cease the application of the sanctions set forth in Sections 4.1-4.5 and 4.7 of

Annex II, with the exception of Section 211(a) of the Iran Threat Reduction

and Syria Human Rights Act of 2012 (TRA);

17.2. Cease the application of the sanctions set forth in Section 4.6 of Annex II, in

connection with activities consistent with this JCPOA, including trade with

individuals and entities set forth in Attachment 3 to Annex II;

17.3. Remove individuals and entities set forth in Attachment 3 to Annex II from

the Specially Designated Nationals and Blocked Persons List (SDN List), the

Foreign Sanctions Evaders List (FSE List), and/or the Non-SDN Iran

Sanctions Act List as set forth in Section 4.8.1 of Annex II;

17.4. Terminate Executive Orders 13574, 13590, 13622, 13645 and Sections 5-7

and 15 of Executive Order 13628 as set forth in Section 4 of Annex II; and

17.5. License activities as set forth in Section 5 of Annex II.

18. **UN Security Council**

18.1. In accordance with the UN Security Council resolution endorsing this

JCPOA, the provisions imposed in UN Security Council resolutions 1696

(2006), 1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008), 1929 (2010)

and 2224 (2015) will be terminated subject to re-imposition in the event of

significant non-performance by Iran of JCPOA commitments, and specific

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

2

The sanctions that the United States will cease to apply are those directed towards non-U.S.

persons, as described in Section 4 of Annex II.

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restrictions, including restrictions regarding the transfer of proliferation

sensitive goods will apply. 3

18.2. The E3/EU+3 will take appropriate measures to implement the new UNSC

resolution.

**D.**

19.

20.

**Transition Day**

Transition Day will occur 8 years from Adoption Day or upon a report from

the Director General of the IAEA to the IAEA Board of Governors and in

parallel to the UN Security Council stating that the IAEA has reached the

Broader Conclusion that all nuclear material in Iran remains in peaceful

activities, whichever is earlier.

**The European Union will:**

20.1. Terminate the provisions of Council Regulation (EU) No 267/2012 and

suspend the corresponding provisions of Council Decision 2010/413/CFSP

specified in Sections 1.1.4, 1.3.2 (in so far as it concerns Articles 15 and 18

of Council Decision and Articles 36 and 37 of Council Regulation); 1.5.1 and

1.5.2 (in so far as it concerns Ballistic Missiles restrictions); 1.6.1-1.9.1 of

Annex II.

20.2. Remove individuals and entities set forth in Attachment 2 to Annex II from

Annexes VIII and IX to Council Regulation (EU) 267/2012.

20.3. Remove individuals and entities set forth in Attachment 1 to Annex II from

Annexes I and II to Council Decision 2010/413/CFSP.

20.4. Terminate all provisions in Council Decision 2010/413/CFSP suspended on

Implementation Day.

21. **The United States will:**

21.1. Seek such legislative action as may be appropriate to terminate, or modify to

effectuate the termination of, the statutory sanctions set forth in Sections

4.1-4.5, 4.7 and 4.9 of Annex II;

21.2. Seek such legislative action as may be appropriate to terminate, or modify to

effectuate the termination of, the statutory sanctions described in Section 4.6

of Annex II, in connection with activities consistent with this JCPOA,

including trade with individuals and entities set forth in Attachments 3 and 4

to Annex II; and

21.3. Remove individuals and entities set out in Attachment 4 to Annex II from the

SDN List and/or the FSE List as set forth in Section 4.8.1 of Annex II.

22. **Iran will:**

22.1. Seek, consistent with the Constitutional roles of the President and

Parliament, ratification of the Additional Protocol.

**E.**

23.

**UNSCR Termination Day**

UNSCR (UN Security Council resolution) Termination Day will occur in

accordance with the terms of the UN Security Council resolution endorsing

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

3

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The provisions of this Resolution do not constitute provisions of this JCPOA. 

the JCPOA, which is 10 years from Adoption Day, provided that the

provisions of previous resolutions have not been reinstated.

24.

25.

On UNSCR Termination Day, the provisions and measures imposed in that

resolution would terminate and the UN Security Council would no longer be

seized of the Iran nuclear issue.

**The European Union will:**

25.1. Terminate all remaining provisions of Council Regulation (EU) No 267/2012

and Council Decision 2010/413/CFSP.

**F.**

26.

**Other**

The terminations described in this Annex V are without prejudice to other

JCPOA commitments that would continue beyond such termination dates.

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**Annex B: Statement**

**Statement**

China, France, Germany, the Russian Federation, the United Kingdom, the United

States, and the European Union have concluded with Iran a Joint Comprehensive

Plan of Action (JCPOA) to reach a comprehensive, long-term and proper solution to

the Iranian nuclear issue. To improve transparency and create an atmosphere

conducive to the full implementation of the JCPOA, China, France, Germany, the

Russian Federation, the United Kingdom, the United States, and the European

Union have set forth below certain provisions. Their participation in the JCPOA is

contingent upon the United Nations Security Council adopting a new resolution that

would, acting under Article 41 of the UN Charter: terminate resolutions 1696

(2006), 1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008), 1929 (2010), and 2224

(2015); require States to comply with the provisions in this statement for their

respective durations; and facilitate, in cooperation with the Joint Commission

established in the JCPOA, implementation of the JCPOA as provided in paragraphs 2

and 6(a) below.

As provided by a resolution so deciding, the following provisions would apply on

the date on which the IAEA Director General submits a report verifying that Iran

has taken the actions specified in paragraph 15.1-15.11 of Annex V of the JCPOA:

1.

2.

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The term “all States” as used in this document, and as incorporated in the

resolution, means “all States without exception.”

All States may participate in and permit the following activities provided that

approval is provided in advance, on a case-by-case basis, by the Security

Council:

(a) the supply, sale or transfer directly or indirectly from their

territories, or by their nationals or using their flag vessels or aircraft to,

or for the use in or benefit of, Iran, and whether or not originating in

their territories, of all items, materials, equipment, goods and

technology set out in INFCIRC/254/Rev.12/Part 1 and

INFCIRC/254/Rev.9/Part 2 (or the most recent versions of these

documents, as updated by the Security Council), as well as any further

items if the State determines that they could contribute to reprocessing

or enrichment-related or heavy water-related activities inconsistent with

the JCPOA;

(b) the provision to Iran of any technical assistance or training,

financial assistance, investment, brokering or other services, and the

transfer of financial resources or services, related to the supply, sale,

transfer, manufacture or use of the items, materials, equipment, goods

and technology described in subparagraph (a) above; and

(c) acquisition by Iran of an interest in a commercial activity in

another State involving uranium mining or production or use of nuclear

materials and technology as listed in INFCIRC/254/Rev.12/Part 1, and

such investment in territories under their jurisdiction by Iran, its

nationals, and entities incorporated in Iran or subject to its jurisdiction,

or by individuals or entities acting on their behalf or at their direction,

or by entities owned or controlled by them,

*except that* approval in advance by the Security Council shall not be required for the

supply, sale, or transfer to Iran of equipment covered by B.1 of

INFCIRC/254/Rev.12/Part 1 when such equipment is for light water reactors, low-

enriched uranium covered by A.1.2 of INFCIRC/254/Rev.12/Part 1 when it is

incorporated in assembled nuclear fuel elements for such reactors, as well as items,

materials, equipment, goods and technology set out in INFCIRC/254/Rev. 9/Part 2

only when for exclusive use in light water reactors.

For any items, materials, equipment, goods and technology that are approved by the

Security Council pursuant to subparagraph (a) above, or are supplied, sold, or

transferred subject to the exception stated above, States are to ensure that: (a) the

requirements, as appropriate, of the Guidelines as set out in the referenced

INFCIRC have been met; (b) they have obtained and are in a position to exercise

effectively a right to verify the end-use and end-use location of any supplied item;

(c) they notify the Security Council within ten days of the supply, sale or transfer;

and d) in the case of supplied items, materials, equipment, goods and technology

listed in the referenced INFCIRCs, they also notify the IAEA within ten days of the

supply, sale or transfer.

*And except also* that approval in advance by the Security Council is not required for

the supply, sale, or transfer of items, materials, equipment, goods and technology,

and the provision of any related technical assistance, training, financial assistance,

investment, brokering or other services, that is directly related to the necessary

modification of two cascades at the Fordow facility for stable isotope production,

the export of Iran’s enriched uranium in excess of 300 kilograms in return for

natural uranium, and the modernization of the Arak reactor based on the agreed

conceptual design and, subsequently, on the agreed final design of such reactor,

provided that Member States ensure that: (a) all such activities are undertaken

strictly in accordance with the JCPOA; (b) they notify the Security Council and

Joint Commission ten days in advance of such activities; (c) the requirements, as

appropriate, of the Guidelines as set out in the referenced INFCIRC have been met;

(d) they have obtained and are in a position to exercise effectively a right to verify

the end-use and end-use location of any supplied item; and (e) in case of supplied

items, materials, equipment, goods and technology listed in the referenced

INFCIRCs, they also notify the IAEA within ten days of the supply, sale or

transfers.

This paragraph shall apply until the date ten years after JCPOA Adoption Day, as

defined in the JCPOA, except if the IAEA submits a report confirming the Broader

Conclusion before that date, then the requirement to obtain approval in advance by

the Security Council shall be suspended immediately and, beginning on the date of

this suspension, the exceptions provided for in this paragraph shall continue to

apply and all States may participate in and permit the activities set forth in this

paragraph if they notify the Security Council and the Joint Commission at least ten

working days in advance of each such activity on a case-by-case basis.

3. Iran is called upon not to undertake any activity related to ballistic missiles

designed to be capable of delivering nuclear weapons, including launches

using such ballistic missile technology, until the date eight years after the

JCPOA Adoption Day or until the date on which the IAEA submits a report

confirming the Broader Conclusion, whichever is earlier.

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4. All States may participate in and permit the activities described below

*provided* that the Security Council decides in advance on a case-by-case basis

to permit such activity:

(a) the supply, sale or transfer directly or indirectly from their territories, or

by their nationals or using their flag vessels or aircraft to or from Iran, or

for the use in or benefit of Iran, and whether or not originating in their

territories, of all items, materials, equipment, goods and technology set

out in S/2015/546 and of any items, materials, equipment, goods and

technology that the State determines could contribute to the development

of nuclear weapon delivery systems; and

(b) the provision to Iran of any technology or technical assistance or

training, financial assistance, investment, brokering or other services,

and the transfer of financial resources or services, or Iran’s acquisition of

an interest in any commercial activity in another State, related to the

supply, sale, transfer, manufacture or use of the items, materials,

equipment, goods and technology described in subparagraph a of this

paragraph or related to the activities described in paragraph 3.

*provided* that in the event of an approval by the Security Council: (a) the contract

for delivery of such items or assistance include appropriate end-user guarantees; and

(b) Iran commit not to use such items for development of nuclear weapon delivery

systems.

This paragraph shall apply until the date eight years after the JCPOA Adoption Day

or until the date on which the IAEA submits a report confirming the Broader

Conclusion, whichever is earlier.

5.

6.

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All States may participate in and permit, *provided* that the Security Council

decides in advance on a case-by-case basis to approve: the supply, sale or

transfer directly or indirectly from or through their territories, or by their

nationals or individuals subject to their jurisdiction, or using their flag

vessels or aircraft, and whether or not originating in their territories, to Iran,

or for the use in or benefit of Iran, of any battle tanks, armoured combat

vehicles, large caliber artillery systems, combat aircraft, attack helicopters,

warships, missiles or missile systems, as defined for the purpose of the

United Nations Register of Conventional Arms, or related materiel, including

spare parts, and the provision to Iran by their nationals or from or through

their territories of technical training, financial resources or services, advice,

other services or assistance related to the supply, sale, transfer, manufacture,

maintenance, or use of arms and related materiel described in this

subparagraph.

This paragraph shall apply until the date five years after the JCPOA Adoption

Day or until the date on which the IAEA submits a report confirming the

Broader Conclusion, whichever is earlier.

All States are to:

(a) Take the necessary measures to ensure that any activities described in

paragraphs 2, 4, and 5 occur on their territories, or involving their

nationals or individuals subject to their jurisdiction, or involving their

flag vessels or aircraft, only pursuant to the relevant terms of those

paragraphs, and also to prevent and prohibit any activities inconsistent

with these provisions, until the date ten years after the JCPOA

Adoption Day or until the date on which the IAEA submits a report

confirming the Broader Conclusion, whichever is earlier;

(b)

(c)

(d)

Take the necessary measures to prevent, except as decided otherwise by

the UN Security Council in advance on a case-by-case basis, the

supply, sale, or transfer of arms or related materiel from Iran by their

nationals or using their flag vessels or aircraft, and whether or not

originating in the territory of Iran, until the date five years after the

JCPOA Adoption Day or until the date on which the IAEA submits a

report confirming the Broader Conclusion, whichever is earlier;

For eight years after the JCPOA Adoption Day or until the date on

which the IAEA submits a report confirming the Broader Conclusion,

whichever is earlier, continue to freeze the funds, other financial assets

and economic resources which are on their territories at the date of

adoption of the JCPOA, and freeze the funds, other financial assets and

economic resources which are on their territories at any time thereafter,

that are owned or controlled by the individuals and entities that were

specified on the list established and maintained by the Committee

pursuant to resolution 1737 (2006) as of the date of adoption of the

new resolution, with the exception of those individuals and entities

specified in Attachment hereto, or that may be de-listed by the Security

Council, and freeze those of additional individuals and entities that

may be designated by the Security Council as: having engaged in,

directly associated with or provided support for Iran’s proliferation-

sensitive nuclear activities undertaken contrary to Iran’s commitments

in the JCPOA or the development of nuclear weapon delivery systems,

including through the involvement in procurement of prohibited items,

goods, equipment, materials and technology specified in this statement;

having assisted designated individuals or entities in evading or acting

inconsistently with the JCPOA or the new resolution; having acted on

behalf or at the direction of designated individuals or entities; or

having been owned or controlled by designated individuals or entities,

including through illicit means.

For eight years from the JCPOA Adoption Day or until the date on

which the IAEA submits a report confirming the Broader Conclusion,

whichever is earlier, ensure that any funds, financial assets or economic

resources are prevented from being made available by their nationals or

by any individuals or entities within their territories, to or for the

benefit of designated individuals or entities. These requirements shall

not apply to funds, other financial assets or economic resources that

have been determined by relevant States:

i. To be necessary for basic expenses, including payment for

foodstuffs, rent or mortgage, medicines and medical treatment,

taxes, insurance premiums, and public utility charges or

exclusively for payment of reasonable professional fees and

reimbursement of incurred expenses associated with the provision

of legal services, or fees or service charges, in accordance with

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national laws, for routine holding or maintenance of frozen funds,

other financial assets and economic resources, after notification

by the relevant States to the Security Council of the intention to

authorize, where appropriate, access to such funds, other financial

assets or economic resources and in the absence of a negative

decision by the Security Council within five working days of such

notification;

ii. To be necessary for extraordinary expenses, provided that such

determination has been notified by the relevant States to the

Security Council and has been approved by the Security Council;

iii. To be necessary for the civil nuclear cooperation projects

described in Annex III of the JCPOA, provided that such

determination has been notified by the relevant States to the

Security Council and has been approved by the Security Council;

iv. To be the subject of a judicial, administrative or arbitral lien or

judgment, in which case the funds, other financial assets and

economic resources may be used to satisfy that lien or judgment

provided that the lien or judgment was entered into prior to the

date of Security Council resolution 1737 (2006), is not for the

benefit of a person or entity subject to the measures in this

paragraph, and has been notified by the relevant States to the

Security Council; or

v.

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To be necessary for activities directly related to the items

specified in paragraph 2, or to any other activity required for the

implementation of the JCPOA, provided that such determination

has been notified by the relevant States to the Security Council

and has been approved by the Security Council.

In addition, this provision shall not prevent a designated

individual or entity from making payment due under a contract

entered into prior to the listing of such individual or entity,

provided that the relevant States have determined that the contract

is not related to any of the prohibited items, materials, equipment,

goods, technologies, assistance, training, financial assistance,

investment, brokering or services referred to in this statement; the

payment is not directly or indirectly received by an individual or

entity subject to the measures in this paragraph; and after

notification by the relevant States to the Security Council of the

intention to make or receive such payments or to authorize, where

appropriate, the unfreezing of funds, other financial assets or

economic resources for this purpose, ten working days prior to

such authorization.

In addition, States may permit the addition to the accounts frozen

pursuant to this paragraph of interest or other earnings due on

those accounts or payments due under contracts, agreements or

obligations that arose prior to the date on which those accounts

were frozen, provided that such interest, other earnings and

payments continue to be subject to these measures and are frozen;

(e)

(f)

For five years from the JCPOA Adoption Day or until the date on which

the IAEA submits a report confirming the Broader Conclusion,

whichever is earlier, take the necessary measures to prevent the entry

into or transit through their territories of individuals described in

paragraphs 6(c) above, although underlining that nothing in this

paragraph shall oblige a State to refuse its own nationals entry into its

territory. The measures imposed in this paragraph shall not apply when

the Security Council determines on a case-by-case basis that such travel

is justified on the grounds of humanitarian need, including religious

obligations, or where the Security Council concludes that an exemption

would otherwise further the objectives of the new resolution, including

where Article XV of the IAEA statute is engaged;

Take the required actions, in accordance with the resolution and

guidance provided by the Security Council, with respect to items the

supply, sale, transfer, or export of which is being undertaken contrary to

the provisions contained in the JCPOA or this statement, and cooperate

in such efforts.

7. All States are called upon to facilitate full implementation of the JCPOA by

inspecting, in accordance with their national authorities and legislation and

consistent with international law, in particular the law of the sea and relevant

international civil aviation agreements, all cargo to and from Iran, in their

territory, including seaports and airports, if the State concerned has

information that provides reasonable grounds to believe that the cargo

contains items the supply, sale, transfer, or export of which is being

undertaken contrary to the provisions contained in the JCPOA or this

statement; and are called upon also to cooperate in inspections on the high

seas with the consent of the flag State, if there is information that provides

reasonable grounds to believe the vessel is carrying items the supply, sale,

transfer or export of which is being undertaken contrary to the provisions

contained in the JCPOA or this statement.

China, France, Germany, the Russian Federation, the United Kingdom, the United

States and the European Union note their understanding that, upon adoption of a

resolution endorsing the JCPOA, the Security Council would make the practical

arrangements to undertake directly the tasks specified in this statement, including to

monitor and take action to support the implementation by Member States of these

provisions, review proposals described in paragraph 2 of this statement, answer

inquiries from Member States, provide guidance, and examine information

regarding alleged actions inconsistent with the resolution. Furthermore, these states

propose that the Security Council ask the Secretary-General to report to the Security

Council on the implementation of these provisions every six months.

The duration of the provisions in this statement may be reviewed by the Joint

Commission at the request of any participant at its biannual ministerial-level

meetings, at which time the Joint Commission could make recommendations by

consensus to the Security Council.

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ATTACHMENT

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AGHA-JANI, Dawood

ALAI, Amir Moayyed

ASGARPOUR, Behman

ASHIANI, Mohammad Fedai

ASHTIANI, Abbas Rezaee

ATOMIC ENERGY ORGANISATION OF IRAN (AEOI)

BAKHTIAR, Haleh

BEHZAD, Morteza

ESFAHAN NUCLEAR FUEL RESEARCH AND PRODUCTION CENTRE

(NFRPC) AND ESFAHAN NUCLEAR TECHNOLOGY CENTRE (ENTC)

FIRST EAST EXPORT BANK, P.L.C.:

HOSSEINI, Seyyed Hussein

IRANO HIND SHIPPING COMPANY

IRISL BENELUX NV

JABBER IBN HAYAN

KARAJ NUCLEAR RESEARCH CENTRE

KAVOSHYAR COMPANY

LEILABADI, Ali Hajinia

MESBAH ENERGY COMPANY

MODERN INDUSTRIES TECHNIQUE COMPANY

MOHAJERANI, Hamid-Reza

MOHAMMADI, Jafar

MONAJEMI, Ehsan

NOBARI, Houshang

NOVIN ENERGY COMPANY

NUCLEAR RESEARCH CENTER FOR AGRICULTURE AND MEDICINE

PARS TRASH COMPANY

PISHGAM (PIONEER) ENERGY INDUSTRIES

QANNADI, Mohammad

RAHIMI, Amir

RAHIQI, Javad

RASHIDI, Abbas

SABET, M. Javad Karimi

SAFDARI, Seyed Jaber

SOLEYMANI, Ghasem

SOUTH SHIPPING LINE IRAN (SSL)

TAMAS COMPANY