

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM SD  
Specialized Disclosure Report**

---

**Lockheed Martin Corporation**

---

Maryland  
(State or other jurisdiction of  
incorporation or organization)

1-11437  
(Commission File Number)

52-1893632  
(IRS Employer Identification No.)

6801 Rockledge Drive, Bethesda, Maryland  
(Address of principal executive offices)

20817  
(Zip Code)

Brian P. Colan, Vice President and Controller  
(301) 897-6000  
(Name and telephone number, including area code, of the person to contact in connection with this report)

---

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2016.

---

## **Section 1 - Conflict Minerals Disclosure**

### **Item 1.01 Conflict Minerals Disclosure and Report**

#### **Conflict Minerals Disclosure**

A copy of Lockheed Martin Corporation's Conflict Minerals Report is provided as Exhibit 1.01 hereto and is publicly available at

<http://www.lockheedmartin.com/content/dam/lockheed/data/corporate/documents/Sustainability/conflictminerals-cmr-2016.pdf>.

#### **Item 1.02 Exhibit**

As specified in Section 2, Item 2.01 of this Form SD, the Company is hereby filing its Conflict Minerals Report as Exhibit 1.01 to this Form SD.

## **Section 2- Exhibits**

### **Item 2.01 Exhibits**

Exhibit 1.01 – Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the duly authorized undersigned.

Lockheed Martin Corporation  
(Registrant)

Date: May 19, 2017

By: /s/ Brian P. Colan  
Brian P. Colan  
Vice President and Controller

**Lockheed Martin Corporation**  
**Conflict Minerals Report**  
**For the Year Ended December 31, 2016**

**Introduction**

This Conflict Minerals Report (the "Report") was prepared by Lockheed Martin Corporation (hereinafter referred to as the "Company," "we," "us," or "our") pursuant to Rule 13p-1 (the "Rule") promulgated under the Securities Exchange Act of 1934, as amended. The term "Conflict Minerals" is defined in the Rule and refers to gold and columbite-tantalite (coltan), cassiterite, wolframite, or their derivatives, which are limited to tantalum, tin, and tungsten (the "Conflict Minerals" or "3TG"). The Rule requires disclosure of certain information when a company manufactures or contracts to manufacture products containing Conflict Minerals that are necessary to the functionality or production of those products if the company has reason to believe that the Conflict Minerals may have originated in the Democratic Republic of the Congo and the adjoining countries of Angola, Burundi, the Central African Republic, the Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda and Zambia (the "Covered Countries").

**Company and Product Overview**

We are a global security and aerospace company principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. We also provide a broad range of management, engineering, technical, scientific, logistics, system integration and cybersecurity services. We operate in four business segments: Aeronautics, Missiles and Fire Control (MFC), Rotary and Mission Systems (RMS) and Space Systems. We organize our business segments based on the nature of the products and services offered:

- Aeronautics is engaged in the research, design, development, manufacture, integration, sustainment, support and upgrade of advanced military aircraft, including combat and air mobility aircraft, unmanned air vehicles and related technologies.
- MFC provides air and missile defense systems; tactical missiles and air-to-ground precision strike weapon systems; logistics; fire control systems; mission operations support, readiness, engineering support and integration services; manned and unmanned ground vehicles and energy management solutions.
- RMS provides design, manufacture, service and support for a variety of military and commercial helicopters; ship and submarine mission and combat systems; mission systems and sensors for rotary and fixed-wing aircraft; sea and land-based missile defense systems; radar systems; the Littoral Combat Ship (LCS); simulation and training services; and unmanned systems and technologies. In addition, RMS supports the needs of government customers in cybersecurity and delivers communications and command and control capabilities through complex mission solutions for defense applications. For 2016, our Conflict Minerals reasonable country of origin inquiry and due diligence activities included the Sikorsky Aircraft Corporation which was acquired in November 2015 and is aligned under our RMS business segment.
- Space Systems is engaged in the research and development, design, engineering and production of satellites, strategic and defensive missile systems and space transportation systems. Space Systems provides network-enabled situational awareness and integrates complex space and ground global systems to help our customers gather, analyze and securely distribute critical intelligence data. Space Systems is also responsible for various classified systems and services in support of vital national security systems.

## **Covered Products**

We conducted an analysis on the products that we manufacture or contract to be manufactured and found that 3TG are in substantially all of our products (and generally are required for their functionality or production as specified under the Rule) included in the Company and Product Overview. These products are collectively referred to in this Report as the “Covered Products.” 3TG is not included in the services we provide to our customers.

## **Supply Chain Description**

Our business depends on an extensive global network of suppliers to provide the materials, parts and services to make our final products. As a downstream company, generally there are multiple tiers between us and our suppliers and the source of raw materials that enter the manufacturing process. The composition of our supply chain makes it challenging to identify the origin of 3TG used in our products. Therefore, we must rely on our direct suppliers to work with their upstream suppliers to provide us with accurate information (e.g., through the reasonable country of origin inquiry described below) about the origin of 3TG in the materials and parts that we purchase.

## **Reasonable Country of Origin Inquiry (“RCOI”)**

The elements of our RCOI were: (i) identification of relevant suppliers, (ii) data collection and (iii) assessment of data to determine whether further due diligence is required.

In 2016, we conducted business with approximately 16,000 active suppliers from 53 countries. Because of the complexity and size of our supply chain, we developed a risk-based approach that focused on our major direct suppliers identified as manufacturers (the “Supplier Group”). The Supplier Group represented more than 90 percent of our purchase order commitments in 2016. Our 2016 RCOI process considered majority-owned affiliates.

We collected information from the Supplier Group using the template developed by the Electronics Industry Citizenship Coalition (EICC) / Global e-Sustainability Initiative (GeSI) (the “EICC Template”). The EICC Template includes questions regarding a direct supplier’s conflict-free policy, its due diligence process and information about its supply chain such as the names and locations of smelters and refiners and the origin of 3TG used by those facilities. During 2016, we used a web-based survey tool to expedite supplier input and our management of the large number of survey responses.

Based on the RCOI, we do not have sufficient information from the Supplier Group to determine the source of the necessary 3TG contained in our products. Accordingly, we conducted due diligence on the source and chain of custody of 3TG in our products.

## **Design of Conflict Minerals Program**

As required by the Rule, we conducted due diligence on the source and chain of custody of the necessary 3TG contained in the Covered Products. Our due diligence program is designed to conform, in all material respects, with the internationally recognized framework presented by the Organisation for Economic Cooperation and Development (OECD) in the publication *OECD (2013) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Second Edition, OECD Publishing* (OECD Guidance) and the related supplements for 3TG.

## Description of Due Diligence Steps Performed

The due diligence steps we performed are set forth below according to the five-step framework established by the OECD:

### Step 1: Establish Strong Company Management Systems

- We have a Conflict Minerals policy statement related to our commitment to responsible sourcing of materials for our products and our establishment of a compliance plan that is designed to follow the OECD framework. This statement is available on our [website](#).
- We have a management structure to support supply chain due diligence related to Conflict Minerals. This includes: (1) an executive steering committee led by our controller and global supply chain executive, which are briefed on our due diligence activities and review our Reports under the Rule; (2) a supply chain council, comprised of supply chain leaders from our four business segments, which are briefed on and review the process by which we distribute the EICC Template to the Supplier Group and the request of follow up information from suppliers; and (3) a multidisciplinary conflict minerals working group comprised of representatives from engineering, finance, legal, sustainability, contracts, communications and our four business segments.
- We participate with other manufacturers in the Aerospace and Defense sector in the following industrywide groups and initiatives: the Aerospace Industries Association (AIA) Conflict Minerals Working Group (CMWG), the National Association of Manufacturers (NAM) Conflict Minerals Task Force, and the EICC/GeSI Conflict-Free Sourcing Initiative (CFSI).
- We have a records retention policy that requires us to maintain records related to our Report (as one of our SEC filings).
- Our Supplier Code of Conduct includes information regarding responsible sourcing of materials. We provide our Supplier Code of Conduct to suppliers through our new purchase orders and we maintain a Suppliers page on our [website](#) that includes the Supplier Code of Conduct.
- We have an ethics helpline and dedicated ethics and conflict minerals e-mail addresses that provide employees and suppliers with a mechanism to ask questions or report concerns. This information is available on our [website](#). Our ethics helpline information was included in our annual ethics letter to suppliers.
- We brief management about the Company's practices with respect to 3TG due diligence and supply chain.

### Step 2: Identify and Assess Risks in the Supply Chain

- We provide financial support to the EICC and GeSI's CFSI, an industry initiative that audits smelters' and refiners' due diligence activities. As a downstream company, these initiatives give us access to information to be able to conduct risk assessment at the upstream level.
- We reviewed the responses we received to the EICC Template that we distributed to the Supplier Group.

- Unresponsive suppliers were issued follow-up requests and were categorized accordingly in our records. Survey responses were reviewed for completeness and red flags. Additional follow-up inquiries were conducted.
- We worked with the AIA Conflict Minerals Working Group to distribute a letter to smelters, which stated our expectation that they should strive to become conflict-free.

Step 3: Design and Implement a Strategy to Respond to Identified Risks

- We have a risk management plan to address concerns that a supplier may be providing us with products that contain 3TG sourced from the Covered Countries.
- If a supplier indicates that it directly or indirectly sources 3TG from the Covered Countries, we request additional information. If it is confirmed that a supplier provides products or parts for Covered Products that contain 3TG sourced from the Covered Countries, we request confirmation from the supplier that the sources in the Covered Countries are validated as conflict-free.

Step 4: Carry out Independent Third-Party Audit of Smelter/Refiner's Due Diligence Practices

- We do not perform or direct audits of 3TG smelters or refiners. We rely on audits conducted by third parties through our membership in the CFSI and supplier self-disclosures of certification status. In 2016, we made a contribution to the Conflict Free Smelter Initiative (CFSI) Smelter Audit Fund, which pays the costs of a smelter and refiner's first conflict free smelter program audit and conflict-free validation. This contribution was directed to pay for the audits of three CFSI "active list" smelters.

Step 5: Report Annually on Supply Chain Due Diligence

- During 2016, we filed our 2015 conflict minerals report with the SEC and posted that report to our website. This Report constitutes our 2016 annual report on our Conflict Minerals due diligence, and will also be available on our website at: <http://www.lockheedmartin.com/content/dam/lockheed/data/corporate/documents/Sustainability/conflictminerals-cmr-2016.pdf> and filed with the SEC.

**Results of Our Due Diligence Measures**

Description of facilities used to process 3TG; information on country of origin and efforts to determine mine or location of origin

As previously discussed, we found that 3TG are in substantially all of our products and requested that the Supplier Group complete the EICC Template to determine the facilities used to process 3TG, the country of origin of the 3TG and the mines or locations of origin of the 3TG in our supply chain. The vast majority of the Supplier Group who responded to our EICC Template indicated in their response that the information provided was at a company or divisional level and did not include a list of smelters.

A minority of responses listed specific smelters and mines, with such responses collectively identifying 383 smelters and 248 mines (and in some cases the location of such mines) from which suppliers sourced 3TG. Of these smelters:

- The CFSI Smelter Information Exchange has recognized 312 of the 383 total smelters as 3TG smelters, and such recognized smelters are listed in Appendix A.
- Of the recognized smelters listed in Appendix A, 245 were validated as conflict-free under the Conflict-Free Smelter Program as of February, 2017. However, we cannot confirm which of these smelters, if any, provided 3TG that may be contained in our products, as we are unable to determine the upstream chain of custody of raw materials in our supply chain.

The survey data also identified 77 suppliers within the Supplier Group who indicated that they used smelters or mines from the Covered Countries that were included in their supply chain, but stated that they sourced from multiple smelters and mines, and also did not disclose a full product line that would enable us to tie a specific mine to one of our Covered Products.

During 2016, we did not identify any instance where it was necessary to implement risk mitigation efforts, temporarily suspend trade or disengage with a member of the Supplier Group. Because information was generally provided at a company or divisional level and was not tied to specific Covered Products, we did not have sufficient information to identify the facilities that sourced 3TG included in our Covered Products, or to identify the country of origin of such 3TG.

**Steps We Have Taken, or Will Take, Since December 31, 2016 to Mitigate Risk that Conflict Minerals Benefit Armed Groups**

Lockheed Martin supports the objective of preventing armed groups in the Covered Countries from benefitting from the sourcing of Conflict Minerals from that region. We are committed to responsible sourcing of materials for our products, including the sourcing of Conflict Minerals, and we expect that our suppliers are likewise committed to responsible sourcing. We expect our suppliers to take steps to determine if their products contain Conflict Minerals and if so, implement supply chain due diligence processes to identify sources of these minerals and support efforts to eradicate the use of Conflict Minerals which directly or indirectly finance or benefit armed groups in the Covered Countries. Accordingly, we intend to take the following steps to further mitigate the risk that the 3TG in our products finance or benefit armed groups in the Covered Countries:

- Continue to reference the Lockheed Martin Supplier Code of Conduct and reference the Defense Industry Initiative Supplier Code of Conduct in new purchase orders and direct suppliers to our Conflict Minerals Policy Statement and web page.
- Survey suppliers representing greater than 90 percent of our purchase order commitments as part of our RCOI process (and communicate to our suppliers our expectations regarding improvement of the completeness of information provided over time).
- Continue to participate in the CFSI and in 2017 contribute to the CFSI audit smelter fund with the goal of providing resources sufficient for additional smelter audits and conflict free validations.
- Encourage suppliers and smelters to participate in the Conflict-Free Smelter Program developed by the CFSI.
- Engage with our direct suppliers to encourage them to impose requirements on their upstream suppliers to have programs to eliminate from their supply chain 3TG from conflict mines and become validated as conflict-free through the Conflict-Free Smelter Program or a similar program.



## Appendix A

The table below lists the CFSI Smelter Information Exchange validated smelters identified in our EICC Template responses for 2016. The information below includes smelter facility names and smelter facility locations as reported by the CFSI as of February, 2017. However, we cannot confirm which of these smelters, if any, provided 3TG that may be contained in our products as we are unable to determine the upstream chain of custody of raw materials in our supply chain.

<b><u>Metal</u></b>	<b><u>Standard Smelter Name</u></b>	<b><u>Smelter Facility Location</u></b>
Gold	Advanced Chemical Company	UNITED STATES
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Al Etihad Gold LLC	UNITED ARAB EMIRATES
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	AURA-II	UNITED STATES
Gold	Aurubis AG	GERMANY
Gold	Bangalore Refinery	INDIA
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	Caridad	MEXICO
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Métaux S.A.	SWITZERLAND
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	DODUCO GmbH	GERMANY
Gold	Dowa	JAPAN
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Eco-System Recycling Co., Ltd.	JAPAN
Gold	Elemental Refining, LLC	UNITED STATES

Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	Geib Refining Corporation	UNITED STATES
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	Guangdong Jinding Gold Limited	CHINA
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
Gold	HeeSung Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES
Gold	KGHM Polska Miedź Spółka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
Gold	L'azurde Company For Jewelry	SAUDI ARABIA
Gold	Lingbao Gold Co., Ltd.	CHINA
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA

Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.	CHINA
Gold	Materion	UNITED STATES
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Morris and Watson	NEW ZEALAND
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	PAMP S.A.	SWITZERLAND
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Précinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Remondis Argentia B.V.	NETHERLANDS
Gold	Republic Metals Corporation	UNITED STATES
Gold	Royal Canadian Mint	CANADA
Gold	SAAMP	FRANCE
Gold	Sabin Metal Corp.	UNITED STATES
Gold	SAFINA A.S.	CZECH REPUBLIC
Gold	Sai Refinery	INDIA
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF

Gold	Samwon Metals Corp.	KOREA, REPUBLIC OF
Gold	SAXONIA Edelmetalle GmbH	GERMANY
Gold	Schone Edelmetaal B.V.	NETHERLANDS
Gold	SEMPSA Joyería Platería S.A.	SPAIN
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Singway Technology Co., Ltd.	TAIWAN
Gold	So Accurate Group, Inc.	UNITED STATES
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
Gold	Solar Applied Materials Technology Corp.	TAIWAN
Gold	Sudan Gold Refinery	SUDAN
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	T.C.A S.p.A	ITALY
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
Gold	Tony Goetz NV	BELGIUM
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore Brasil Ltda.	BRAZIL
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES
Gold	Universal Precious Metals Refining Zambia	ZAMBIA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint trading as The Perth Mint	AUSTRALIA
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Yamamoto Precious Metal Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Yunnan Copper Industry Co., Ltd.	CHINA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Zijin Mining Group Co., Ltd. Gold Refinery	CHINA
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	Conghua Tantalum and Niobium Smeltry	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES
Tantalum	Duoluoshan	CHINA

Tantalum	Exotech Inc.	UNITED STATES
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Global Advanced Metals Boyertown	UNITED STATES
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
Tantalum	H.C. Starck Co., Ltd.	THAILAND
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	H.C. Starck Inc.	UNITED STATES
Tantalum	H.C. Starck Ltd.	JAPAN
Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tantalum	H.C. Starck Tantalum and Niobium GmbH	GERMANY
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Hi-Temp Specialty Metals, Inc.	UNITED STATES
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Nonferrous Metals Smelting Company Limited	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET Blue Metals	MEXICO
Tantalum	KEMET Blue Powder	UNITED STATES
Tantalum	King-Tan Tantalum Industry Ltd.	CHINA
Tantalum	LSM Brasil S.A.	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineração Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Plansee SE Liezen	AUSTRIA
Tantalum	Plansee SE Reutte	AUSTRIA
Tantalum	Power Resources Ltd.	MACEDONIA, REPUBLIC OF
Tantalum	QuantumClean	UNITED STATES
Tantalum	Resind Indústria e Comércio Ltda.	BRAZIL
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES
Tantalum	Tranzact, Inc.	UNITED STATES
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA

Tantalum	Yanling Jincheng Tantalum Co., Ltd.	CHINA
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES
Tin	An Thai Minerals Co., Ltd.	VIET NAM
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
Tin	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL
Tin	CV Ayi Jaya	INDONESIA
Tin	CV Dua Sekawan	INDONESIA
Tin	CV Gita Pesona	INDONESIA
Tin	CV Serumpun Sebalai	INDONESIA
Tin	CV Tiga Sekawan	INDONESIA
Tin	CV United Smelting	INDONESIA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Dowa	JAPAN
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
Tin	Elmet S.L.U.	SPAIN
Tin	EM Vinto	BOLIVIA
Tin	Estanho de Rondônia S.A.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Fengming Metallurgy Chemical Plant	CHINA
Tin	Gejiu Jinye Mineral Company	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Melt Metais e Ligas S.A.	BRAZIL
Tin	Metallic Resources, Inc.	UNITED STATES
Tin	Metallo-Chimique N.V.	BELGIUM
Tin	Mineração Taboca S.A.	BRAZIL
Tin	Minsur	PERU

Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Modeltech Sdn Bhd	MALAYSIA
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgical S.A.	BOLIVIA
Tin	Phoenix Metal Ltd.	RWANDA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Bangka Tin Industry	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT DS Jaya Abadi	INDONESIA
Tin	PT Eunindo Usaha Mandiri	INDONESIA
Tin	PT Inti Stania Prima	INDONESIA
Tin	PT Justindo	INDONESIA
Tin	PT Karimun Mining	INDONESIA
Tin	PT Kijang Jaya Mandiri	INDONESIA
Tin	PT Lautan Harmonis Sejahtera	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT O.M. Indonesia	INDONESIA
Tin	PT Panca Mega Persada	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Sumber Jaya Indah	INDONESIA
Tin	PT Timah (Persero) Tbk Kundur	INDONESIA
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Tin	PT Wahana Perkit Jaya	INDONESIA
Tin	Resind Indústria e Comércio Ltda.	BRAZIL
Tin	Rui Da Hung	TAIWAN

Tin	Soft Metais Ltda.	BRAZIL
Tin	Thaisarco	THAILAND
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	VQB Mineral and Trading Group JSC	VIET NAM
Tin	White Solder Metalurgia e Mineração Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Yunnan Tin Company Limited	CHINA
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN
Tungsten	ACL Metais Eireli	BRAZIL
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	CHINA
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES
Tungsten	Kennametal Huntsville	UNITED STATES
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA



Tungsten	Moliren Ltd	RUSSIAN FEDERATION
Tungsten	Niagara Refining LLC	UNITED STATES
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM
Tungsten	Wolfram Bergbau und Hütten AG	AUSTRIA
Tungsten	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA