Mercury Systems, Inc. Conflict Minerals Report For the Year Ended December 31, 2020

This conflict minerals report for the year ended December 31, 2020 is presented to comply with Rule 13p-1 under the Securities Exchange Act of 1934, as amended. The U.S. Securities and Exchange Commission ("SEC") issued Rule 13p-1 to implement the reporting and disclosure requirements related to conflict minerals as directed by the Dodd-Frank Wall Street Reform and Consumer Protection Act. This report has been prepared based on Rule 13p-1 as further clarified by the SEC guidance issued on April 7, 2017 in its Updated Statement on the Effect of the Court of Appeals Decision on the Conflict Minerals Rule. References in this report to "DRC" are to the Democratic Republic of the Congo and its adjoining countries (Tanzania, Zambia, Republic of Congo, Central African Republic, Angola, Uganda, Rwanda, South Sudan and Burundi). References in this report to "conflict minerals" are to cassiterite, columbite-tantalite, gold, wolframite, and their derivatives, which based on regulations from the SEC are limited to tin, tantalum, tungsten, and gold ("3TG").

Our Products

Mercury Systems, Inc. (collectively with its subsidiaries, "we," "us," or "our") is a leading technology company serving the aerospace and defense industry, positioned at the intersection of high-tech and defense. Headquartered in Andover, Massachusetts, we deliver solutions that power a broad range of aerospace and defense programs, optimized for mission success in some of the most challenging and demanding environments. We envision, create, and deliver innovative technology solutions purpose-built to meet our customers' most-pressing high-tech needs, including those specific to the defense community.

As a leading manufacturer of essential components, modules, and subsystems, we sell to defense prime contractors, the U.S. government, and original equipment manufacturer commercial aerospace companies. We have built a trusted, contemporary portfolio of proven product solutions purpose-built for aerospace and defense that we believe meets and exceeds the performance needs of our defense and commercial customers. Customers add their own applications and algorithms to our specialized, secure, and innovative pre-integrated solutions. This allows them to complete their full system by integrating with their platform the sensor technology and, in some cases, the processing from us. Our products and solutions are deployed in more than 300 programs with over 25 different defense prime contractors and commercial aviation customers.

Our transformational business model accelerates the process of making new technology profoundly more accessible to our customers by bridging the gap between commercial technology and aerospace and defense applications. Our long-standing deep relationships with leading high-tech companies, coupled with our high level of research and development ("R&D") investments and industry-leading trusted and secure design and manufacturing capabilities, are the foundational tenets of this highly successful model.

Our capabilities, technology, and R&D investment strategy combine to differentiate Mercury in our industry. Our technologies and capabilities include secure embedded processing modules and subsystems, mission computers, secure and rugged rack-mount servers, safety-critical avionics, radio frequency ("RF") components, multi-function assemblies, subsystems, and custom microelectronics. We maintain our technological edge by investing in critical capabilities and intellectual property in processing and RF, leveraging open standards and open architectures to adapt quickly those building blocks into solutions for highly data-intensive applications, including emerging needs in areas such as artificial intelligence.

Our mission critical solutions are deployed by our customers for a variety of applications including command, control, communications, computers, intelligence, surveillance and reconnaissance, electronic intelligence, avionics, electro-optical/infrared, electronic warfare, weapons and missile defense, hypersonics, and radar.

On December 30, 2020, we acquired Physical Optics Corporation ("POC"), a leading designer, developer, and integrator of advanced technologies primarily focused on avionics & mission subsystems for defense applications. The operations of POC will be included in the scope of our conflict minerals report beginning with our calendar year 2021 report.

During calendar year 2020, we manufactured and sold products as well as provided software and services. Manufacturing operations include manufacturing at our own facilities and by contract manufacturers using our design specifications. We provide products in the fields of radio frequency, analog-to-digital and digital to analog conversion, advanced multi- and many-core sensor processing systems, embedded security, digital storage, and digital radio frequency memory solutions, software defined communications capabilities, and advanced security technologies and capabilities. Examples of our products include: power amplifiers and limiters; switches; oscillators; filters; equalizers; digital and analog converters; chips; MMICs (monolithic microwave integrated circuits); memory and storage devices; embedded processing modules; embedded processing boards; switch fabric boards; high speed input/output boards; digital receiver boards; graphics and video processing and Ethernet and IO (inputoutput) boards; multi-chip modules; integrated radio frequency and microwave multi-function assemblies; tuners; transceivers; rack-mount servers; display head assemblies; and integrated subsystems that include multiple modules and/or subassemblies. Conflict minerals, as defined by the regulations of the SEC (i.e., tin, tantalum, tungsten, and gold, or 3TG), are essential to the functionality of most electronic devices and their use is extensive in the electronics industry. Examples of the use of conflict minerals in electronics include: tin solders for joining circuits; tantalum in capacitors; tungsten in metal wires, electrodes, and electrical contacts; and gold in electric plating and circuit boards. We performed a review of our products considering the SEC's conflict minerals regulations and the vendors supplying the components and materials incorporated into our products. Our products are digital and radio frequency/ microwave subsystems, modules, sub-assemblies and components, incorporating multiple electronic components and connectors. Components and connectors of this type could contain conflict minerals as defined by the SEC, regardless of the country of origin of those minerals.

Our Calendar Year 2020 Reasonable Country of Origin Inquiry and Supply Chain Due Diligence

We do not engage in the extraction, transportation, handling, trading, processing, smelting, refining, or alloying of any conflict minerals and we do not acquire conflict minerals directly from any smelter or refiner, regardless of country of origin. To the extent that conflict minerals may be incorporated into our products, they are acquired through our supply chain in the form of components, connectors, solder, and other materials that we or our contract manufacturers incorporate into our finished products. We designed our conflict minerals reasonable country of origin inquiry and supply chain due diligence around our product manufacturing supply chain. We defined the scope of our conflict minerals inquiry by identifying and contacting the suppliers on our approved vendor list that provide components or other materials that may contain conflict minerals. We rely upon our suppliers to provide information on the origin of the conflict minerals contained in materials supplied to us, including sources of conflict minerals that are supplied to them from sub-tier suppliers. We expect our suppliers to provide us with sourcing information per our conflict minerals policy.

In general, we encountered the following challenges in obtaining responses from our suppliers:

- we are dependent on information received from our direct suppliers to conduct our reasonable country of origin inquiry process;
- we have a varied supplier base with differing levels of resources and sophistication, and many of our suppliers are not themselves subject to Rule 13p-1 of the Securities Exchange Act of 1934, as amended; and
- some suppliers may have been unable to provide a timely response to our inquiries due to the COVID-19 pandemic impacting their operations, including with their employees working from home and an increased workload with their customers conducting supply chain COVID-19 continuity of supply planning.

Our Approved Vendor List

Our supply chain approved vendor list ("AVL") contained 2,543 third-party vendors from whom we and our contract manufacturers could source materials for the manufacture of our products that may contain conflict minerals. In many cases, for a given component in one of our products, we have multiple vendors as a source for that component and each of those vendors is listed on our AVL. Our procedures for adding a vendor to our AVL include a review of the vendor's conflict minerals status as part of the approval process.

Our Conflict Minerals Policy Statement and Supplier Outreach

We first adopted our conflict minerals policy statement in 2013 and our current policy statement is posted on our corporate website, www.mrcy.com, under the heading "Who We Are," then "Environmental, Social and Governance," and then "Responsible Sourcing." Our conflict minerals due diligence process included the development of a conflict minerals policy, establishment of a cross-functional team, communication with suppliers, gathering compliance data, and measuring and internally reporting our due diligence progress during the period. We distributed supplier notices summarizing our conflict minerals policy to the suppliers on our AVL.

Since 2013, our conflict minerals due diligence process has included ongoing communication with suppliers, gathering compliance data, and measuring and internally reporting our due diligence progress during the period. For our calendar year 2020 Reasonable Country of Origin Inquiry ("RCOI"), we engaged Source Intelligence to enhance our conflict minerals compliance program.

All 2,543 third-party vendors on our AVL were included in the RCOI performed by Source Intelligence. Prior to being asked to provide conflict minerals data, suppliers were asked a series of questions to determine whether the products they supply to us contain 3TG which is necessary to the functionality or production of our products. This information was used to determine which suppliers were in scope for regulatory purposes and thus asked to provide additional conflict minerals information.

We engaged with Source Intelligence to develop a list of suppliers determined to be in-scope for regulatory purposes based on our influence over the manufacturing process (i.e., meeting the manufacture or contract to manufacture definitions in SEC Rule 13p-1) and potential use of 3TG. Source Intelligence contacted our suppliers to collect information about the presence and sourcing of the 3TG used in the products and components supplied to us. This program utilized the Conflict-Free Sourcing Initiative's Conflict Minerals Reporting Template ("CMRT"). Suppliers were offered two options to submit the

required information, either by uploading the CMRT in MS Excel format or by completing an online survey version of this template directly in the Source Intelligence platform.

Source Intelligence sent an email to suppliers containing a registration and survey request link for the on-line data collection platform. Following the initial introductions to the program and information request, one email reminder was sent to each non-responsive supplier requesting survey completion. In recognition that the information requested can take time to collect and aggregate, suppliers were given a final deadline of March 30, 2021 to provide information about the metal processors present in their supply chains for the calendar 2020 reporting year. Suppliers were asked to provide information regarding the sourcing of their materials with the goal of identifying the 3TG smelters or refiners and associated mine countries of origin. Suppliers who had already performed a RCOI using the CMRT were asked to upload this document into the Source Intelligence system or to provide this information in the online survey version. We chose to give our suppliers the ability to share information at a level with which they were most comfortable, i.e. company, product or user-defined, but the declaration scope had to be specified. Suppliers were requested to provide an electronic signature before submitting their data to verify that all answers submitted were accurate to the best of the supplier's knowledge but the suppliers were not required to provide an electronic signature to submit their data. Source Intelligence evaluated the supplier responses for plausibility, consistency, and gaps. If any of the following quality control flags were raised, suppliers were automatically contacted by Source Intelligence on a bi-weekly basis up to three times:

- one or more smelters or refiners were listed for an unused metal;
- smelter or refiner information was not provided for a used metal, or such information provided was not a verified metal processor;
- the supplier answered yes to sourcing from the Democratic Republic of the Congo or adjoining countries, but none of the smelters or refiners listed are known to source from the region;
- the supplier indicated that they have not received conflict minerals data for each metal from all relevant suppliers;
- the supplier indicated they have not identified all of the smelters or refiners used for the products included in the declaration scope;
- the supplier indicated they have not provided all applicable smelter or refiner information received; and
- the supplier indicated 100% of the 3TG for products covered by the declaration originates from scrap/recycled sources, but one or more smelters or refiners listed are not known to be exclusive recyclers.

For supply chains with smelters or refiners that are known or thought to be sourcing from the Democratic Republic of the Congo or adjoining countries, additional investigation is conducted to determine the source and chain-of-custody of the regulated metals. Source Intelligence relies on the following internationally accepted audit standards to determine which smelters or refiners are considered "DRC Conflict Free": the Responsible Minerals Assurance Process ("RMAP"); the London Bullion Market Association Good Delivery Program ("LBMA"); and the Responsible Jewellery Council Chain-of-Custody Certification ("RJC"). Source Intelligence is an official vendor member of the Responsible

Minerals Initiative ("RMI") to further facilitate the exchange of supply chain data and technical information in the quest for global ethical sourcing of materials.

If the smelter or refiner is not certified by these internationally-recognized schemes, Source Intelligence attempts to contact them to gain more information about their sourcing practices, including countries of origin and transfer, and whether there are any internal due diligence procedures in place or other processes they undertake to track the chain-of-custody on the source of their mineral ores. Relevant information reviewed includes: whether the smelter or refiner has a documented, effective, and communicated conflict-free policy; an accounting system to support a mass balance of materials processed; and traceability documentation. Source Intelligence also performs internet research to determine whether there are any outside sources of information regarding the smelter or refiners sourcing practices. Source Intelligence attempts up to three contacts to smelters or refiners to gather information on mine country of origin and sourcing practices.

Appendix A to this report contains each unique smelter-metal combination reported to be in our supply chain with additional information from the Source Intelligence smelter database, including metal, smelter name, RMI smelter identification, smelter country, conflict-free certifications, and conflict-free certifications in progress.

Appendix A

Glossary of Internationally Accepted Audit Standards: RMI - Responsible Minerals Initiative

- Responsible Minerals Assurance Process RMAP -
- LBMA London Bullion Market Association Good Delivery Program
- Responsible Jewellery Council Chain-of-Custody Certification RJC -

Metal	Smelter Name	RMI Smelter ID	Smelter Country	Conflict-Free Certifications	Conflict-Free Certifications in Progress
WICTAI	Smeller Ivanie	Silletter ID	Country	LBMA,	minogress
Gold	Matsuda Sangyo Co., Ltd.	CID001119	Japan	RMAP	
Gold	Ogussa Osterreichische Gold-		Jupun		
Gold	und Silber-Scheideanstalt GmbH	CID002779	Austria	RJC, RMAP	
Gold	Singway Technology Co., Ltd.	CID002516	Taiwan	RMAP	
Gold	8853 S.p.A.	CID002763	Italy	RMAP	
0014	Metalurgica Met-Mex Penoles	012002703		LBMA,	
Gold	S.A. De C.V.	CID001161	Mexico	RMAP	
	SOE Shyolkovsky Factory of			LBMA,	
Gold	Secondary Precious Metals	CID001756	Russia	RMAP	
	Solar Applied Materials			LBMA,	
Gold	Technology Corp.	CID001761	Taiwan	RMAP	
	Metal Concentrators SA (Pty)				
Gold	Ltd.	CID003575	South Africa	RMAP	
	Refinery of Seemine Gold Co.,				
Gold	Ltd.	CID000522	China		
Gold	Advanced Chemical Company	CID000015	United States	RMAP	
	Metalor Technologies (Hong			LBMA, RJC,	
Gold	Kong) Ltd.	CID001149	China	RMAP	
~	Metalor Technologies			LBMA, RJC,	
Gold	(Singapore) Pte., Ltd.	CID001152	Singapore	RMAP	
0.11	Metalor Technologies (Suzhou)	CID001147	CI.		
Gold	Ltd.	CID001147	China	RJC, RMAP	
C-14	Matalan Tashualasing C A	CID001152	Considered and	LBMA, RJC, RMAP	
Gold	Metalor Technologies S.A. Metalor USA Refining	CID001153	Switzerland	LBMA, RJC,	
Gold	Corporation	CID001157	United States	RMAP	
Gold		CID001137		LBMA,	
Gold	Asahi Refining Canada Ltd.	CID000924	Canada	RMAP	
0014	Aida Chemical Industries Co.,				
Gold	Ltd.	CID000019	Japan	RMAP	
Gold	Geib Refining Corporation	CID002459	United States	RMAP	
	Degussa Sonne / Mond				
Gold	Goldhandel GmbH	CID002867	Germany		
Gold	L'Orfebre S.A.	CID002762	Andorra	RMAP	
Gold	Al Etihad Gold Refinery DMCC	CID002560	UAE	RMAP	
Gold	Pease & Curren	CID002872	United States		
Gold	SAAMP	CID002872 CID002761	France	DIC DMAD	
Julu	Allgemeine Gold-und	CID002/01	riance	RJC, RMAP LBMA, RJC,	
Gold	Silberscheideanstalt A.G.	CID000035	Germany	RMAP	
Gold	Tony Goetz NV	CID000033 CID002587	Belgium		
0010		CID00238/	Deigiulii		

	Almalyk Mining and			
	Metallurgical Complex			LBMA,
Gold	(AMMC)	CID000041	Uzbekistan	RMAP
Gold	Sudan Gold Refinery	CID002567	Sudan	
	Mitsubishi Materials			LBMA,
Gold	Corporation	CID001188	Japan	RMAP
a 11	Mitsui Mining and Smelting Co.,	CIDAGINA		LBMA,
Gold	Ltd.	CID001193	Japan	RMAP
0.11		CID002500	T 1'	LBMA,
Gold	MMTC-PAMP India Pvt., Ltd. Sumitomo Metal Mining Co.,	CID002509	India	RMAP LBMA,
Gold	Ltd.	CID001798	Japan	RMAP
Gold	Morris and Watson	CID002282	New Zealand	LDMA
Gold	Moscow Special Alloys Processing Plant	CID001204	Russia	LBMA, RMAP
Gold	AngloGold Ashanti Corrego do	CID001204	Kussia	LBMA,
Gold	Sitio Mineracao	CID000058	Brazil	RMAP
Gold	Nadir Metal Rafineri San. Ve	CID000038	Diazii	LBMA,
Gold	Tic. A.S.	CID001220	Turkey	RMAP
0014	Guangdong Jinding Gold			
Gold	Limited	CID002312	China	
0014				LBMA,
Gold	T.C.A S.p.A	CID002580	Italy	RMAP
Gold	African Gold Refinery	CID003185	Uganda	
			- 8	LBMA,
Gold	Argor-Heraeus S.A.	CID000077	Switzerland	RMAP
	8			LBMA,
Gold	Asahi Pretec Corp.	CID000082	Japan	RMAP
Gold	Asaka Riken Co., Ltd.	CID000090	Japan	RMAP
Gold	Bangalore Refinery	CID002863	India	RMAP
0014	Navoi Mining and Metallurgical			
Gold	Combinat	CID001236	Uzbekistan	RMAP
				LBMA,
Gold	Tanaka Kikinzoku Kogyo K.K.	CID001875	Japan	RMAP
	Atasay Kuyumculuk Sanayi Ve		•	
Gold	Ticaret A.S.	CID000103	Turkey	
	GCC Gujrat Gold Centre Pvt.			
Gold	Ltd.	CID002852	India	
				LBMA,
Gold	Aurubis AG	CID000113	Germany	RMAP
	Hunan Guiyang yinxing			
Gold	Nonferrous Smelting Co., Ltd.	CID000773	China	
			-	LBMA,
Gold	Nihon Material Co., Ltd.	CID001259	Japan	RMAP
	Bangko Sentral ng Pilipinas	GIDAAAAA		LBMA,
Gold	(Central Bank of the Philippines)	CID000128	Philippines	RMAP
0.11	Hangzhou Fuchunjiang Smelting	CID000771		
Gold	Co., Ltd.	CID000671	China	
Cald	Great Wall Precious Metals Co.,		China	LDMA
Gold	Ltd. of CBPM	CID001909	China	LBMA
Gold	DS PRETECH Co., Ltd.	CID003195	S. Korea	RMAP
Cald	The Refinery of Shandong Gold	CID001016	China	LBMA,
Gold	Mining Co., Ltd.	CID001916	China	RMAP

Gold	International Precious Metal Refiners	CID002562	UAE		RMAP
Gold	QG Refining, LLC	CID003324	United States		
Gold	LT Metal Ltd.	CID000689	S. Korea	RMAP	
				LBMA,	
Gold	Heimerle + Meule GmbH	CID000694	Germany	RMAP	
	Planta Recuperadora de Metales				
Gold	SpA	CID002919	Chile	RMAP	
Gold	Heraeus Metals Hong Kong Ltd.	CID000707	China	LBMA, RJC, RMAP	
Gold	Boliden AB	CID000157	Sweden	LBMA, RMAP	
	Heraeus Precious Metals GmbH				
Gold	& Co. KG	CID000711	Germany		RMAP
				LBMA,	
Gold	Tokuriki Honten Co., Ltd.	CID001938	Japan	RMAP	
	Tongling Nonferrous Metals				
Gold	Group Co., Ltd.	CID001947	China		
Gold	TOO Tau-Ken-Altyn	CID002615	Kazakhstan	RMAP	
Gold	K.A. Rasmussen	CID003497	Norway		
Gold	Torecom	CID001955	S. Korea	RMAP	
				LBMA, RJC,	
Gold	C. Hafner GmbH + Co. KG	CID000176	Germany	RMAP	
	Ohura Precious Metal Industry				
Gold	Co., Ltd.	CID001325	Japan	RMAP	
Gold	OJSC Novosibirsk Refinery	CID000493	Russia	LBMA, RMAP	
	Caridad			KWIAI	
Gold	OJSC "The Gulidov	CID000180	Mexico		
	Krasnoyarsk Non-Ferrous				
	Metals Plant" (OJSC			LBMA,	
Gold	Krastsvetmet)	CID001326	Russia	RMAP	
0014	CCR Refinery - Glencore		Itabbia	LBMA,	
Gold	Canada Corporation	CID000185	Canada	RMAP	
Gold	Cendres + Metaux S.A.	CID000189	Switzerland	RMAP	
Gold	Umicore Brasil Ltda.	CID001977	Brazil		
Gold	Umicore Precious Metals		Diazii		
Gold	Thailand	CID002314	Thailand	RJC, RMAP	
	Umicore S.A. Business Unit			LBMA,	
Gold	Precious Metals Refining	CID001980	Belgium	RMAP	
	Hunan Chenzhou Mining Co.,				
Gold	Ltd.	CID000767	China		
				LBMA,	
Gold	PAMP S.A.	CID001352	Switzerland	RMAP	
	United Precious Metal Refining,				
Gold	Inc.	CID001993	United States	RMAP	
~ • •	Penglai Penggang Gold Industry				
Gold	Co., Ltd.	CID001362	China		
Gold	HwaSeong CJ CO., LTD.	CID000778	S. Korea		
a ••				LBMA,	
Gold	Chimet S.p.A.	CID000233	Italy	RMAP	
Gold	Valcambi S.A.	CID002003	Switzerland	LBMA, RJC, RMAP	

	Inner Mongolia Qiankun Gold				
	and Silver Refinery Share Co.,			LBMA,	
Gold	Ltd.	CID000801	China	RMAP	
C 11	Prioksky Plant of Non-Ferrous	CID001206	D.	LBMA,	
Gold	Metals	CID001386	Russia	RMAP	
Gold	Chugai Mining	CID000264	Japan	RMAP	
Gold	PT Aneka Tambang (Persero) Tbk	CID001397	Indonesia	LBMA, RMAP	
Oolu	Western Australian Mint (T/a	CID001397	Indonesia	LBMA,	
Gold	The Perth Mint)	CID002030	Australia	RMAP	
				LBMA,	
Gold	Ishifuku Metal Industry Co., Ltd.	CID000807	Japan	RMAP	
				LBMA,	
Gold	Istanbul Gold Refinery	CID000814	Turkey	RMAP	
Gold	Italpreziosi	CID002765	Italy	RJC, RMAP	
Gold	WIELAND Edelmetalle GmbH	CID002778	Germany	RMAP	
Gold	JALAN & Company	CID002893	India		
~ • •			-	LBMA,	
Gold	Japan Mint	CID000823	Japan	RMAP	
Gold	CGR Metalloys Pvt Ltd.	CID003382	India		
Gold	Shenzhen Zhonghenglong Real	CID002527	China		
Gold	Industry Co., Ltd. Dijllah Gold Refinery FZC	CID002527 CID003348	China UAE		
Gold					
	Gold Coast Refinery	CID003186	Ghana		
Gold	Sovereign Metals C.I Metales Procesados	CID003383	India		
Gold	Industriales SAS	CID003421	Colombia		RMAP
0014				LBMA,	
Gold	Jiangxi Copper Co., Ltd.	CID000855	China	RMAP	
				LBMA,	
Gold	PX Precinox S.A.	CID001498	Switzerland	RMAP	
G 11	Daye Non-Ferrous Metals				
Gold	Mining Ltd.	CID000343	China	LBMA	
Gold	Yamakin Co., Ltd.	CID002100	Japan	RMAP	
	Guoda Safina High-Tech				
Gold	Environmental Refinery Co., Ltd.	CID000651	China		
0014		CID000051		LBMA,	
Gold	Rand Refinery (Pty) Ltd.	CID001512	South Africa	RMAP	
Gold	NH Recytech Company	CID003189	S. Korea		
	Eco-System Recycling Co., Ltd.		1		
Gold	North Plant	CID003424	Japan	RMAP	
	Eco-System Recycling Co., Ltd.				
Gold	West Plant	CID003425	Japan	RMAP	
Gold	DSC (Do Sung Corporation)	CID000359	S. Korea	RMAP	
0.11		CIDAAAAAA		LBMA,	
Gold	Asahi Refining USA Inc. DODUCO Contacts and	CID000920	United States	RMAP	
		1	1	1	
Gold		CID000362	Germany	RMAP	
Gold	Refining GmbH	CID000362	Germany	RMAP RMAP	
Gold Gold		CID000362 CID002129	Germany Japan	RMAP RMAP	

Gold	Kundan Care Products Ltd.	CID003463	India		
Gold	JSC Uralelectromed	CID000929	Russia	LBMA, RMAP	
0.11	JX Nippon Mining & Metals	CIDAAAAZ		LBMA,	
Gold	Co., Ltd.	CID000937	Japan	RMAP	
Gold	Shirpur Gold Refinery Ltd.	CID002588	India		
Gold	AU Traders and Refiners	CID002850	South Africa	RJC, RMAP	
Gold	Kaloti Precious Metals	CID002563	UAE		
Gold	Yunnan Copper Industry Co., Ltd.	CID000197	China		
Gold	Augmont Enterprises Private Limited	CID003461	India		RMAP
Gold	Kazakhmys Smelting LLC	CID000956	Kazakhstan		
	Emerald Jewel Industry India				
Gold	Limited (Unit 1)	CID003487	India		
Gold	Kazzinc	CID000957	Kazakhstan	LBMA, RMAP	
				LBMA,	
Gold	Royal Canadian Mint	CID001534	Canada	RMAP	
Gold	Emerald Jewel Industry India Limited (Unit 2)	CID003488	India		
~	Emerald Jewel Industry India				
Gold	Limited (Unit 3)	CID003489	India		
Gold	Emerald Jewel Industry India	CID002400	India		
	Limited (Unit 4)	CID003490		DMAD	
Gold	REMONDIS PMR B.V.	CID002582	Netherlands	RMAP	
Gold	Sai Refinery	CID002853	India		
Gold	Sabin Metal Corp.	CID001546	United States		
Gold	Modeltech Sdn Bhd	CID002857	Malaysia		
Gold	Safimet S.p.A	CID002973	Italy	RMAP	
~ • •	Kyshtym Copper-Electrolytic				
Gold	Plant ZAO	CID002865	Russia		
Gold		CID002290	Czech	RMAP	
Gold	SAFINA A.S.	CID002290	Republic	LBMA,	
Gold	Kennecott Utah Copper LLC	CID000969	United States	RMAP	
Gold	KGHM Polska Miedz Spolka				
Gold	Akcyjna	CID002511	Poland	RMAP	
Gold	Dowa	CID000401	Japan	RMAP	
Gold	Samduck Precious Metals	CID001555	S. Korea	RMAP	
Gold	Alexy Metals	CID003500	United States		RMAP
Gold	Sancus ZFS (L'Orfebre, SA)	CID003529	Colombia		
Gold	SAMWON METALS Corp.	CID00352) CID001562	S. Korea		
Gold	Kojima Chemicals Co., Ltd.	CID001302 CID000981	Japan	RMAP	
Gold	Abington Reldan Metals, LLC	CID000981 CID002708	United States		
Gold	Metallix Refining Inc.	CID002708 CID003557	United States		RMAP
				DMAD	
Gold	Korea Zinc Co., Ltd.	CID002605	S. Korea	RMAP	
Gold	Shandong Humon Smelting Co., Ltd.	CID002525	China		
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CID002224	China	LBMA, RMAP	

Gold	SAXONIA Edelmetalle GmbH	CID002777	Germany	RMAP
Gold	Sellem Industries Ltd.	CID003540	Mauritania	
Gold	MD Overseas	CID003548	India	
0014	Gold Refinery of Zijin Mining		India	LBMA,
Gold	Group Co., Ltd.	CID002243	China	RMAP
	Eco-System Recycling Co., Ltd.			
Gold	East Plant	CID000425	Japan	RMAP
				LBMA,
Gold	SEMPSA Joyeria Plateria S.A.	CID001585	Spain	RMAP
~ 11		CID 001000	TT	LBMA,
Gold	Kyrgyzaltyn JSC	CID001029	Kyrgyzstan	RMAP
Gold	L'azurde Company For Jewelry	CID001032	Saudi Arabia	
Gold	Emirates Gold DMCC	CID002561	UAE	RMAP
Gold	SungEel HiMetal Co., Ltd.	CID002918	S. Korea	RMAP
~ 11	Shandong Tiancheng Biological			
Gold	Gold Industrial Co., Ltd.	CID001619	China	
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CID001622	China	LBMA, RMAP
Gold			China	KWAF
Gold	Lingbao Gold Co., Ltd. Lingbao Jinyuan Tonghui	CID001056	China	
Gold	Refinery Co., Ltd.	CID001058	China	
0014	Refinery Co., Ed.	CID001030	Ciiiia	LBMA,
Gold	LS-NIKKO Copper Inc.	CID001078	S. Korea	RMAP
	Fidelity Printers and Refiners			
Gold	Ltd.	CID002515	Zimbabwe	
	Luoyang Zijin Yinhui Gold			
Gold	Refinery Co., Ltd.	CID001093	China	
	State Research Institute Center			
~ 11	for Physical Sciences and	CID 000150		
Gold	Technology	CID003153	Lithuania	
Gold	Marsam Metals	CID002606	Brazil	RMAP
Cali	Sichuan Tianze Precious Metals	CID001726	China	LBMA,
Gold	Co., Ltd.	CID001736		RMAP
Gold	Fujairah Gold FZC	CID002584	UAE	
Gold	Materion	CID001113	United States	RMAP
Tantalum	Solikamsk Magnesium Works OAO	CID001760	Durai	RMAP
Tantalum	Metallurgical Products India	CID001769	Russia	RMAP
Tantalum	Pvt., Ltd.	CID001163	India	RMAP
1 0110110111	Jiangxi Tuohong New Raw			
Tantalum	Material	CID002842	China	RMAP
Tantalum	Mineracao Taboca S.A.	CID001175	Brazil	RMAP
Tantalum	Global Advanced Metals Aizu	CID002558	Japan	RMAP
	Global Advanced Metals			
Tantalum	Boyertown	CID002557	United States	RMAP
	Mitsui Mining and Smelting Co.,			
Tantalum	Ltd.	CID001192	Japan	RMAP
Tantalum	NPM Silmet AS	CID001200	Estonia	RMAP
	Guangdong Zhiyuan New			
Tantalum	Material Co., Ltd.	CID000616	China	RMAP
Tantalum	Asaka Riken Co., Ltd.	CID000092	Japan	RMAP

Tantalum	TANIOBIS GmbH	CID002545	Germany	RMAP
	H.C. Starck Hermsdorf GmbH			RMAP
Tantalum		CID002547	Germany	
Tantalum	H.C. Starck Inc.	CID002548	United States	RMAP
Tantalum	TANIOBIS Japan Co., Ltd.	CID002549	Japan	RMAP
T (1	TANIOBIS Smelting GmbH &	CIDOODEEO		
Tantalum	Co. KG	CID002550	Germany	RMAP
Tantalum	Telex Metals	CID001891	United States	RMAP
T (1	Ningxia Orient Tantalum	CID001077	CI.	
Tantalum	Industry Co., Ltd. Hengyang King Xing Lifeng	CID001277	China	RMAP
Tantalum	New Materials Co., Ltd.	CID002492	China	RMAP
	-		Kazakhstan	
Tantalum	Ulba Metallurgical Plant JSC Changsha South Tantalum	CID001969	Kazakhstan	RMAP
Tantalum	Niobium Co., Ltd.	CID000211	China	RMAP
	Meta Materials		Macedonia	
Tantalum	Guangdong Rising Rare Metals-	CID002847	Macedonia	RMAP
Tantalum	EO Materials Ltd.	CID000291	China	RMAP
Tantalum	D Block Metals, LLC XinXing Haorong Electronic	CID002504	United States	RMAP
Tantalum	Material Co., Ltd.	CID002508	China	RMAP
Tantalum	QuantumClean JiuJiang JinXin Nonferrous	CID001508	United States	RMAP
Tantalum	Metals Co., Ltd.	CID000914	China	RMAP
Tantalum		CID000914 CID000917	China	RMAP
Tantalum	Jiujiang Tanbre Co., Ltd. Jiujiang Zhongao Tantalum &	CID000917	China	RMAP
Tantalum	Niobium Co., Ltd.	CID002506	China	RMAP
Tantatum	Resind Industria e Comercio	CID002300	Ciiiia	
Tantalum	Ltda.	CID002707	Brazil	RMAP
Tuntunun	Yanling Jincheng Tantalum &		Diužii	
Tantalum	Niobium Co., Ltd.	CID001522	China	RMAP
Tantalum	KEMET Blue Metals	CID002539	Mexico	RMAP
	Jiangxi Dinghai Tantalum &			
Tantalum	Niobium Co., Ltd.	CID002512	China	RMAP
Tantalum	Taki Chemical Co., Ltd.	CID001869	Japan	RMAP
Tantalum	Exotech Inc.	CID000456	United States	RMAP
Tantalum	F&X Electro-Materials Ltd.	CID000460	China	RMAP
Tantalum	LSM Brasil S.A.	CID000400	Brazil	RMAP
Tantalum	FIR Metals & Resource Ltd.			
		CID002505	China D'I	RMAP
Tin	Melt Metais e Ligas S.A.	CID002500	Brazil	RMAP
Tin	Soft Metais Ltda.	CID001758	Brazil	RMAP
Tin	Metallic Resources, Inc.	CID001142	United States	RMAP
Tin	Metallo Belgium N.V.	CID002773	Belgium	RMAP
	Chenzhou Yunxiang Mining and			
Tin	Metallurgy Co., Ltd.	CID000228	China	RMAP
Tin	PT Rajehan Ariq	CID002593	Indonesia	RMAP
	Gejiu Fengming Metallurgy			
Tin	Chemical Plant	CID002848	China	RMAP
T .	Guanyang Guida Nonferrous	CIDAGONAG		
Tin	Metal Smelting Plant	CID002849	China	RMAP
Tin	HuiChang Hill Tin Industry Co.,	CID002944	China	DMAD
1 111	Ltd.	CID002844	China	RMAP

	Gejiu Kai Meng Industry and	CID 0000 40	C1 :		
Tin	Trade LLC	CID000942	China	RMAP	
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CID000538	China	RMAP	
— •	Gejiu Yunxin Nonferrous				
Tin	Electrolysis Co., Ltd.	CID001908	China	RMAP	
Tin	Mineracao Taboca S.A.	CID001173	Brazil	RMAP	
Tin	Minsur	CID001182	Peru	RMAP	
Tin	Alpha	CID000292	United States	RMAP	
	Mitsubishi Materials				
Tin	Corporation	CID001191	Japan	RMAP	
-	An Vinh Joint Stock Mineral				
Tin	Processing Company	CID002703	Viet Nam		
т.	Guangdong Hanhe Non-Ferrous	GID002116	CI.	DIGD	
Tin	Metal Co., Ltd.	CID003116	China	RMAP	
Tin	Jiangxi New Nanshan Technology Ltd.	CID001231	China	RMAP	
1 111	Nghe Tinh Non-Ferrous Metals	CID001231	Cillia	KWAI	
Tin	Joint Stock Company	CID002573	Viet Nam		
Tin	Thaisarco	CID001898	Thailand	RMAP	
Tin	PT Bangka Serumpun	CID001898	Indonesia	RMAP	
				KMAP	
Tin	Pongpipat Company Limited	CID003208	Myanmar		
Tin	Tin Technology & Refining	CID003325	United States	RMAP	
	Dongguan CiEXPO				
Tin	Environmental Engineering Co., Ltd.	CID003356	China		
				DIGD	
Tin	PT Rajawali Rimba Perkasa	CID003381	Indonesia	RMAP	
Tin	Novosibirsk Processing Plant Ltd.	CID001305	Dugaio		DMAD
1 111	O.M. Manufacturing (Thailand)	CID001303	Russia		RMAP
Tin	Co., Ltd.	CID001314	Thailand	RMAP	
1 111	O.M. Manufacturing Philippines,	CIDOUISII	Thuhund		
Tin	Inc.	CID002517	Philippines	RMAP	
	Tuyen Quang Non-Ferrous				
Tin	Metals Joint Stock Company	CID002574	Viet Nam		
Tin	Operaciones Metalurgicas S.A.	CID001337	Bolivia	RMAP	
	Huichang Jinshunda Tin Co.,				
Tin	Ltd.	CID000760	China	RMAP	
	Thai Nguyen Mining and				
Tin	Metallurgy Co., Ltd.	CID002834	Viet Nam	RMAP	
Tin	Ma'anshan Weitai Tin Co., Ltd.	CID003379	China	RMAP	
Tin	China Tin Group Co., Ltd.	CID001070	China	RMAP	
	VQB Mineral and Trading				
Tin	Group JSC	CID002015	Viet Nam		
Tin	PT Aries Kencana Sejahtera	CID000309	Indonesia		RMAP
Tin	PT Artha Cipta Langgeng	CID001399	Indonesia	RMAP	
Tin	PT ATD Makmur Mandiri Jaya	CID002503	Indonesia	RMAP	
Tin	PT Babel Inti Perkasa	CID001402	Indonesia	RMAP	
Tin	PT Babel Surya Alam Lestari	CID001406	Indonesia	RMAP	
Tin	PT Bukit Timah	CID001400 CID001428	Indonesia	1111/11	RMAP
1 111	White Solder Metalurgia e	CID001428	muonesia		
Tin	Mineracao Ltda.	CID002036	Brazil	RMAP	

Tin	CRM Synergies	CID003524	Spain		RMAP
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CID003397	China	RMAP	
Tin	PT Mitra Stania Prima	CID001453	Indonesia	RMAP	
Tin	CV Ayi Jaya	CID002570	Indonesia		RMAP
Tin	PT Timah Nusantara	CID001486	Indonesia		RMAP
Tin	PT Prima Timah Utama	CID001458	Indonesia	RMAP	
Tin	PT Refined Bangka Tin	CID001460	Indonesia	RMAP	
	Gejiu City Fuxiang Industry and				
Tin	Trade Co., Ltd.	CID003410	China		
Tin	CV Venus Inti Perkasa	CID002455	Indonesia		RMAP
Tin	PT Stanindo Inti Perkasa	CID001468	Indonesia	RMAP	
	Precious Minerals and Smelting				
Tin	Limited	CID003409	India		
Tin	Luna Smelter, Ltd.	CID003387	Rwanda	RMAP	
Tin	PT Timah Tbk Mentok	CID001482	Indonesia	RMAP	
Tin	PT Timah Tbk Kundur	CID001477	Indonesia	RMAP	
Tin	PT Tinindo Inter Nusa	CID001490	Indonesia	RMAP	
	Chifeng Dajingzi Tin Industry				
Tin	Co., Ltd.	CID003190	China	RMAP	
Tin	PT Mitra Sukses Globalindo	CID003449	Indonesia		
	Resind Industria e Comercio				
Tin	Ltda.	CID002706	Brazil	RMAP	
	Yunnan Chengfeng Non-ferrous		~ .		
Tin	Metals Co., Ltd.	CID002158	China	RMAP	
Tin	Yunnan Tin Company Limited	CID002180	China	RMAP	
Tin	Rui Da Hung	CID001539	Taiwan	RMAP	
Tin	Modeltech Sdn Bhd	CID002858	Malaysia		
	CRM Fundicao De Metais E				
Tin	Comercio De Equipamentos	CID002496	Brazil		DMAD
	Eletronicos Do Brasil Ltda	CID003486			RMAP
Tin	Dowa	CID000402	Japan	RMAP	DIGD
Tin	PT Lautan Harmonis Sejahtera	CID002870	Indonesia		RMAP
Tin	PT Menara Cipta Mulia	CID002835	Indonesia	RMAP	
	Electro-Mechanical Facility of the Cao Bang Minerals &				
Tin	Metallurgy Joint Stock Company	CID002572	Viet Nam		
Tin	Super Ligas	CID002372	Brazil		RMAP
Tin	Metallo Spain S.L.U.	CID002730	Spain	RMAP	KIVIAI
Tin	EM Vinto	CID000438	Bolivia	RMAP	DMAD
Tin T [:]	Estanho de Rondonia S.A.	CID000448	Brazil		RMAP
Tin	Fenix Metals Magnu's Minerais Metais e	CID000468	Poland	RMAP	
Tin	Ligas Ltda.	CID002468	Brazil	RMAP	
1111	Gejiu Zili Mining And	012002400	DiuZii		
Tin	Metallurgy Co., Ltd.	CID000555	China	RMAP	
	Malaysia Smelting Corporation				
Tin	(MSC)	CID001105	Malaysia	RMAP	
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CID000499	China		
Tungsten	A.L.M.T. TUNGSTEN Corp.	CID000004	Japan	RMAP	

	Ganzhou Haichuang Tungsten				
Tungsten	Co., Ltd.	CID002645	China	RMAP	
	Ganzhou Huaxing Tungsten				
Tungsten	Products Co., Ltd.	CID000875	China	RMAP	
8	Ganzhou Jiangwu Ferrotungsten				
Tungsten	Co., Ltd.	CID002315	China	RMAP	
Tungsten	ACL Metais Eireli	CID002833	Brazil	RMAP	
	Ganzhou Seadragon W & Mo				
Tungsten	Co., Ltd.	CID002494	China	RMAP	
Tungsten	Moliren Ltd.	CID002845	Russia	RMAP	
Tungsten	Woltech Korea Co., Ltd.	CID002843	S. Korea	RMAP	
Tungsten	Xinfeng Huarui Tungsten &	CID002045	S. Kolca		
	Molybdenum New Material Co.,				
Tungsten	Ltd.	CID002830	China	RMAP	
	Global Tungsten & Powders				
Tungsten	Corp.	CID000568	United States	RMAP	
	Guangdong Xianglu Tungsten				
Tungsten	Co., Ltd.	CID000218	China	RMAP	
	Asia Tungsten Products Vietnam				
Tungsten	Ltd.	CID002502	Viet Nam	RMAP	
Tungsten	H.C. Starck Tungsten GmbH	CID002541	Germany	RMAP	
Tungsten	Niagara Refining LLC	CID002589	United States	RMAP	
8	TANIOBIS Smelting GmbH &				
Tungsten	Co. KG	CID002542	Germany	RMAP	
0	Tejing (Vietnam) Tungsten Co.,				
Tungsten	Ltd.	CID001889	Viet Nam	RMAP	
Tungsten	KGETS CO., LTD.	CID003388	S. Korea	RMAP	
	Masan Tungsten Chemical LLC				
Tungsten	(MTC)	CID002543	Viet Nam	RMAP	
	Hunan Chenzhou Mining Co.,				
Tungsten	Ltd.	CID000766	China	RMAP	
	Hunan Chuangda Vanadium				
Tungsten	Tungsten Co., Ltd. Wuji	CID002579	China	RMAP	
	Hunan Chunchang Nonferrous				
Tungsten	Metals Co., Ltd.	CID000769	China	RMAP	
_	Chenzhou Diamond Tungsten		~1.		
Tungsten	Products Co., Ltd.	CID002513	China	RMAP	
Tungsten	Hydrometallurg, JSC	CID002649	Russia	RMAP	
-	Chongyi Zhangyuan Tungsten	CID 0000 CO	C1 ·		
Tungsten	Co., Ltd.	CID000258	China	RMAP	
T	CNMC (Guangxi) PGMA Co.,	CID000201	C1 ·		
Tungsten	Ltd.	CID000281	China		
Tungeton	Hunan Litian Tungsten Industry	CID003182	China	RMAP	
Tungsten	Co., Ltd.				
Tungsten	Japan New Metals Co., Ltd.	CID000825	Japan	RMAP	
Tungsten	China Molybdenum Co., Ltd.	CID002641	China	RMAP	
Turret	Fujian Ganmin RareMetal Co.,	CID002401	Chira	DMAD	
Tungsten	Ltd. Wolfram Bergbau und Hutten	CID003401	China	RMAP	
Tungatan	AG	CID002044	Austria	RMAP	
Tungsten	JSC "Kirovgrad Hard Alloys	C1D002044	Austria		
Tungsten	Plant"	CID003408	Russia		RMAP
	Lianyou Metals Co., Ltd.	CID003403	Taiwan	RMAP	200000
Tungsten	Lianyou metais Co., Ltu.	CID00340/	Taiwall	INMAL	

Tungsten	GEM Co., Ltd.	CID003417	China		
Tungsten	NPP Tyazhmetprom LLC	CID003416	Russia		RMAP
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CID002551	China	RMAP	
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CID002320	China	RMAP	
Tungsten	Xiamen Tungsten Co., Ltd.	CID002082	China	RMAP	
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CID002321	China	RMAP	
Tungsten	Jiangxi Minmetals Gao'an Non- ferrous Metals Co., Ltd.	CID002313	China		
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CID002095	China		
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CID002318	China	RMAP	
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CID002317	China	RMAP	
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CID002316	China	RMAP	
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	CID003427	Brazil		RMAP
Tungsten	Cronimet Brasil Ltda	CID003468	Brazil		RMAP
Tungsten	Philippine Chuangxin Industrial Co., Inc.	CID002827	Philippines	RMAP	
Tungsten	Kennametal Fallon	CID000966	United States	RMAP	
Tungsten	Kennametal Huntsville	CID000105	United States	RMAP	
Tungsten	Unecha Refractory Metals Plant	CID002724	Russia	RMAP	
Tungsten	Artek LLC	CID003553	Russia		RMAP
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CID002319	China	RMAP	