

U.S. PRODUCERS' QUESTIONNAIRE

FERROVANADIUM FROM KOREA

This questionnaire must be received by the Commission by **January 19, 2017**
See last page for filing instructions.

The information called for in this questionnaire is for use by the United States International Trade Commission in connection with its antidumping investigation concerning ferrovanadium from Korea (Inv. No.731-TA-1315 (Final)). The information requested in the questionnaire is requested under the authority of the Tariff Act of 1930, title VII. This report is mandatory and failure to reply as directed can result in a subpoena or other order to compel the submission of records or information in your firm's possession (19 U.S.C. § 1333(a)).

Name of firm _____
Address _____
City _____ State _____ Zip Code _____
Website _____
Has your firm produced ferrovanadium (as defined on next page) for its own account; b) toll processed ferrovanadium for another firm (i.e. been a "toller"); or c) contracted another firm to toll-produce ferrovanadium for your firm (i.e. been a "tollee") at any time since January 1, 2013?
<input type="checkbox"/> NO (Sign the certification below and promptly return only this page of the questionnaire to the Commission)
<input type="checkbox"/> YES (Complete all parts of the questionnaire, and return the entire questionnaire to the Commission)
Return questionnaire via the U.S. International Trade Commission Drop Box by clicking on the following link: https://dropbox.usitc.gov/oinv/. (PIN: FeV)

CERTIFICATION

I certify that the information herein supplied in response to this questionnaire is complete and correct to the best of my knowledge and belief and understand that the information submitted is subject to audit and verification by the Commission. By means of this certification I also grant consent for the Commission, and its employees and contract personnel, to use the information provided in this questionnaire and throughout this proceeding in any other import-injury proceedings conducted by the Commission on the same or similar merchandise.

I, the undersigned, acknowledge that information submitted in response to this request for information and throughout this proceeding or other proceedings may be disclosed to and used: (i) by the Commission, its employees and Offices, and contract personnel (a) for developing or maintaining the records of this or a related proceeding, or (b) in internal investigations, audits, reviews, and evaluations relating to the programs, personnel, and operations of the Commission including under 5 U.S.C. Appendix 3; or (ii) by U.S. government employees and contract personnel, solely for cybersecurity purposes. I understand that all contract personnel will sign appropriate nondisclosure agreements

_____ Name of Authorized Official	_____ Title of Authorized Official	_____ Date
_____ Signature	Phone: _____	_____ Email address
	Fax: _____	

PART I.—GENERAL INFORMATION

Background.--This proceeding was instituted in response to a petition filed on March 28, 2016, by the Vanadium Producers and Reclaimers Association and its members: AMG Vanadium, LLC, Cambridge, Ohio; Bear Metallurgical Company, Butler, Pennsylvania; Gulf Chemical & Metallurgical Corporation, Freeport, Texas; and Evraz Stratcor, Inc., Hot Springs, Arkansas. Antidumping duties may be assessed on the subject imports as a result of these proceedings if the Commission makes an affirmative determination of injury, threat, or material retardation, and if the U.S. Department of Commerce ("Commerce") makes an affirmative determination of dumping. Questionnaires and other information pertinent to this proceeding are available at http://www.usitc.gov/investigations/701731/2016/ferrovanadium_korea/preliminary.htm.

Ferrovanadium covered by this investigation is all ferrovanadium regardless of grade (i.e. percentage of contained vanadium), chemistry, form, shape, or size. Ferrovanadium is an alloy of iron and vanadium that is used chiefly as an additive in the manufacture of steel. The merchandise is commercially and scientifically identified as ferrovanadium. It specifically excludes vanadium additives other than ferrovanadium, such as nitrided vanadium, vanadium aluminum master alloys, vanadium chemicals, vanadium oxides, vanadium waste and scrap, and vanadium-bearing raw materials such as spent hydrotreating and hydrorefining catalyst, slag, boiler residues and fly ash.

Ferrovanadium is classified under Harmonized Tariff Schedule of the United States ("HTSUS") subheading 7202.92.00. Goods provided for in HTSUS subheading 2850.00.20 (certain compounds of vanadium) or subheadings 8112.92.70 and 8112.99.20 (unwrought vanadium or vanadium powders, waste or scrap) are specifically excluded. Although the HTSUS item number is provided for convenience and Customs purposes, the written description of the scope of this investigation remains dispositive.

Reporting of information.-- If information is not readily available from your records, provide carefully prepared estimates. If your firm is completing more than one questionnaire (i.e., a producer, importer, and/or purchaser questionnaire), you need not respond to duplicated questions.

Confidentiality.--The commercial and financial data furnished in response to this questionnaire that reveal the individual operations of your firm will be treated as confidential by the Commission to the extent that such data are not otherwise available to the public and will not be disclosed except as may be required by law (see 19 U.S.C. § 1677f). Such confidential information will not be published in a manner that will reveal the individual operations of your firm; however, general characterizations of numerical business proprietary information (such as discussion of trends) will be treated as confidential business information only at the request of the submitter for good cause shown.

Verification.--The information submitted in this questionnaire is subject to audit and verification by the Commission. To facilitate possible verification of data, please keep all files, worksheets, and supporting documents used in the preparation of the questionnaire response. Please also retain a copy of the final document that you submit.

Release of information.--The information provided by your firm in response to this questionnaire, as well as any other business proprietary information submitted by your firm to the Commission in connection with this proceeding, may become subject to, and released under, the administrative protective order provisions of the Tariff Act of 1930 (19 U.S.C. § 1677f) and section 207.7 of the Commission's Rules of Practice and Procedure (19 CFR § 207.7). This means that certain lawyers and other authorized individuals may temporarily be given access to the information for use in connection with this proceeding or other import-injury proceedings conducted by the Commission on the same or similar merchandise; those individuals would be subject to severe penalties if the information were divulged to unauthorized individuals.

I-1a. **OMB statistics.**--Please report below the actual number of hours required and the cost to your firm of completing this questionnaire.

Hours	Dollars

The questions in this questionnaire have been reviewed with market participants to ensure that issues of concern are adequately addressed and that data requests are sufficient, meaningful, and as limited as possible. Public reporting burden for this questionnaire is estimated to average 50 hours per response, including the time for reviewing instructions, gathering data, and completing and reviewing the questionnaire.

We welcome comments regarding the accuracy of this burden estimate, suggestions for reducing the burden, and any suggestions for improving this questionnaire. Please attach such comments to your response or send to the Office of Investigations, USITC, 500 E St. SW, Washington, DC 20436.

I-1b. **TAA information release.**--In the event that the U.S. International Trade Commission (USITC) makes an affirmative final determination in this proceeding, do you consent to the USITC's release of your contact information (company name, address, contact person, telephone number, email address) appearing on the front page of this questionnaire to the Departments of Commerce, Labor, and Agriculture, as applicable, so that your firm and its workers can be made eligible for benefits under the Trade Adjustment Assistance program?

Yes No

I-2. **Establishments covered.**--Provide the city, state, zip code, and brief description of each establishment covered by this questionnaire. If your firm is publicly traded, please specify the stock exchange and trading symbol in the footnote to the table. **Firms operating more than one establishment should combine the data for all establishments into a single report.**

"Establishment"--Each facility of a firm involved in the production of ferrovandium, including auxiliary facilities operated in conjunction with (whether or not physically separate from) such facilities.

Establishments covered ¹	City, State	Zip (5 digit)	Description
1			
2			
3			
4			
5			
6			

¹ Additional discussion on establishments consolidated in this questionnaire: _____.

I-3. **Petition support.**--Does your firm support or oppose the petition?

Country	Support	Oppose	Take no position
Korea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I-4. **Ownership.**--Is your firm owned, in whole or in part, by any other firm?

No Yes--List the following information.

Firm name	Address	Extent of ownership (percent)

I-5. **Related importers/exporters.**--Does your firm have any related firms, either domestic or foreign, that are engaged in importing ferrovandium from Korea into the United States or that are engaged in exporting ferrovandium from Korea to the United States?

No Yes--List the following information.

Firm name	Country	Affiliation

I-6. **Related producers.**--Does your firm have any related firms, either domestic or foreign, that are engaged in the production of ferrovandium?

No Yes--List the following information.

Firm name	Country	Affiliation

PART II.--TRADE AND RELATED INFORMATION

Further information on this part of the questionnaire can be obtained from Lawrence Jones (202-205-3358, lawrence.jones@usitc.gov). **Supply all data requested on a calendar-year basis.**

- II-1. **Contact information.**-- Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in part II.

Name	
Title	
Email	
Telephone	
Fax	

- II-2. **Changes in operations.**--Please indicate whether your firm has experienced any of the following changes in relation to the production of ferrovandium since January 1, 2013.

<i>(check as many as appropriate)</i>		<i>(If checked, please describe; leave blank if not applicable)</i>
<input type="checkbox"/>	plant openings	
<input type="checkbox"/>	plant closings	
<input type="checkbox"/>	relocations	
<input type="checkbox"/>	expansions	
<input type="checkbox"/>	acquisitions	
<input type="checkbox"/>	consolidations	
<input type="checkbox"/>	prolonged shutdowns or production curtailments	
<input type="checkbox"/>	revised labor agreements	
<input type="checkbox"/>	other (<i>e.g.</i> , technology)	

II-3a. **Production using same machinery.**-- Please report your firm's production of products made on the same equipment and machinery used to produce ferrovandium, and the combined production capacity on this shared equipment and machinery in the periods indicated.

"Overall production capacity" or "capacity" – The level of production that your establishment(s) could reasonably have expected to attain during the specified periods. Assume normal operating conditions (i.e., using equipment and machinery in place and ready to operate; normal operating levels (hours per week/weeks per year) and time for downtime, maintenance, repair, and cleanup).

"Production" – All production in your U.S. establishment(s), including production consumed internally within your firm and production for another firm under a toll agreement.

Quantity (in 1,000 pounds)					
Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Overall production capacity					
Production of:					
Ferrovandium ¹	0	0	0	0	0
Other products ²					
Total	0	0	0	0	0
¹ Report the quantity of production of ferrovandium in this question based on total weight (not in contained vanadium). ² Please identify these products: _____.					

II-3b. **Operating parameters.**--The production capacity reported in II-3a is based on operating ____ hours per week, ____ weeks per year.

II-3c. **Capacity calculation.**--Please describe the methodology used to calculate overall production capacity reported in II-3a, and explain any changes in reported capacity.

II-3d. **Production constraints.**--Please describe the constraint(s) that set the limit(s) on your firm's production capacity.

II-3e. **Product shifting.**—

(i) Is your firm able to switch production (capacity) between ferrovandium and other products using the same equipment and/or labor?

No Yes-- (i.e., have produced other products or are able to produce other products). Please identify other actual or potential products:

_____.

(ii) Please describe the factors that affect your firm's ability to shift production capacity between products (e.g., time, cost, relative price change, etc.), and the degree to which these factors enhance or constrain such shifts.

II-4. **Tolling.**--Since January 1, 2013, has your firm been involved in a toll agreement regarding the production of ferrovandium (i.e. in which vanadium pentoxide or other upstream raw materials were provided to a toller that then produces ferrovandium on behalf of a tollee)?

"Toll agreement"--Agreement between two firms whereby the first firm ("**TOLLEE**") furnishes the raw materials and the second firm ("**TOLLER**") uses the raw materials to produce a product that it then returns to the first firm with a charge for processing costs, overhead, etc.

No

Yes - - For all such agreements entered into by your firm, please indicate whether your firm was the Toller (the producer of ferrovandium) or tollee (the firm that furnished the inputs to the Toller).

Our firm	Other firm(s)	Special instruction
<input type="checkbox"/> Toller	Please name the tollee(s): _____	Provide data on your firm's toll production and shipments in question II-7
<input type="checkbox"/> Tollee ¹	Please name the toller(s): _____	Provide data on shipments into the market of merchandise that was toll produced in question II-8
¹ Identify the raw material input that your firm provided the toller(s): _____		

II-5. **Foreign trade zones**--

- (a) **Firm's FTZ operations**--Does your firm produce ferrovandium in and/or admit ferrovandium into a foreign trade zone (FTZ)?

"Foreign trade zone" is a designated location in the United States where firms utilize special procedures that allow delayed or reduced customs duty payments on foreign merchandise. A foreign trade zone must be designed as such pursuant to the rules and procedures set forth in the Foreign-Trade Zones Act.

- No Yes--Describe the nature of your firms operations in FTZs and identify the specific FTZ site(s).

- (b) **Other firms' FTZ operations**--To your knowledge, do any firms in the United States import ferrovandium into a foreign trade zone (FTZ) for use in distribution of ferrovandium and/or the production of downstream articles?

- No/Don't know Yes--Identify the firms and the FTZs.

II-6. **Importer**--Since January 1, 2013, has your firm imported ferrovandium?

"Importer" – The person or firm primarily liable for the payment of any duties on the merchandise, or an authorized agent acting on his behalf. The importer may be the consignee, or the importer of record.

- No Yes--**COMPLETE AND RETURN A U.S. IMPORTERS' QUESTIONNAIRE**

II-7. **Production, shipment, and inventory data—PRODUCER/TOLLER.**--Report your firm's production capacity, production, shipments, and inventories related to the production of ferrovandium in its U.S. establishment(s) during the specified periods, whether your firm produced ferrovandium for its own account or toll produced ferrovandium for another firm.

"Average production capacity" or "capacity" – The level of production that your establishment(s) could reasonably have expected to attain during the specified periods. Assume normal operating conditions (i.e., using equipment and machinery in place and ready to operate; normal operating levels (hours per week/weeks per year) and time for downtime, maintenance, repair, and cleanup; and a typical or representative product mix).

"Production" – All production in your U.S. establishment(s), including production consumed internally within your firm and production for another firm under a toll agreement.

"Commercial U.S. shipments" –Shipments made within the United States as a result of an arm's length commercial transaction in the ordinary course of business. Report net values (i.e., gross sales values less all discounts, allowances, rebates, prepaid freight, and the value of returned goods) in U.S. dollars, f.o.b. your point of shipment.

"Internal consumption" – Product consumed internally by your firm. Such transactions are valued at fair market value.

"Transfers to related firms" –Shipments made to related domestic firms. Such transactions are valued at fair market value.

"Related firm" –A firm that your firm solely or jointly owns, manages, or otherwise controls.

"Export shipments" –Shipments to destinations outside the United States, including shipments to related firms.

"Inventories" – Finished goods inventory, not raw materials or work-in-progress.

Note: As requested in Part I of this questionnaire, please keep all supporting documents/records used in the preparation of the trade data, as Commission staff may contact your firm regarding questions on the trade data. The Commission may also request that your company submit copies of the supporting documents/records (such as production and sales schedules, inventory records, etc.) used to compile these data.

II-7. Production, shipment, and inventory data—PRODUCER/TOLLER

Quantity (in 1,000 pounds contained vanadium) and value (in \$1,000)					
Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Average production capacity¹ (quantity) (A)					
Beginning-of-period inventories (quantity) (B)					
Production (quantity) (C)					
U.S. shipments:					
Commercial shipments:					
Quantity (D)					
Value (E)					
Internal consumption:					
Quantity (F)					
Value ² (G)					
Transfers to related firms:					
Quantity (H)					
Value ² (I)					
Tolled merchandise returned to tollee:					
Quantity (J)					
Tolling Charge (value)(K)					
Export shipments:³					
Quantity (L)					
Value (M)					
End-of-period inventories (quantity) (N)					
¹ The production capacity reported is based on operating ___ hours per week, ___ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity _____. ² Internal consumption and transfers to related firms must be valued at fair market value. In the event that your firm uses a different basis for valuing these transactions, please specify that basis (e.g., cost, cost plus, etc.) and provide value data using that basis for each of the periods noted above: _____. ³ Identify your firm's principal export markets: _____.					

RECONCILIATION OF SHIPMENTS, PRODUCTION, AND INVENTORY.--Generally, the data reported for the end-of-period inventories (i.e., line N) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), less total shipments and returns (i.e., lines D, F, H, J, and L). Please ensure that any differences are not due to data entry errors in completing this form, but rather reflect your firm's actual records; and, also provide explanations for any differences (e.g., theft, loss, damage, record systems issues, etc.) if they exist.

Reconciliation	Calendar years			January-September	
	2013	2014	2015	2015	2016
B + C – D – F – H – J – L – N = should equal zero ("0") or provide an explanation. ¹	0	0	0	0	0
¹ Explanation if the calculated fields above are returning values other than zero (i.e., "0") but are nonetheless accurate: _____.					

II-8. **Shipments into market by TOLLEE.**—If your firm received ferrovandium pursuant to a toll arrangement and shipped that ferrovandium into the market, (i.e. your firm is the tollee), report those shipments in the specified periods. (See definitions of toller/tollee in II-4.)

Quantity (in 1,000 pounds contained vanadium) and value (in \$1,000)					
Item	Calendar year			January-September	
	2013	2014	2015	2015	2016
Beginning-of-period inventories (quantity) (O)					
Materials received from toller (quantity)(P)					
U.S. shipments into market by tollees:					
Commercial shipments:					
Quantity (Q)					
Value (R)					
Internal consumption:					
Quantity (S)					
Value ¹ (T)					
Transfers to related firms:					
Quantity (U)					
Value ¹ (V)					
Export shipments:²					
Quantity (W)					
Value (X)					
End-of-period inventories (quantity) (Y)					
¹ Internal consumption and transfers to related firms should be valued at fair market value. In the event that you use different basis for valuing these transactions, please specify that basis (e.g., cost plus, etc.) and provide value data using that basis for each of the periods noted above: <hr/>					
² Identify your principal export markets: _____.					

RECONCILIATION OF SHIPMENTS, PRODUCTION, AND INVENTORY.--Generally, the data reported for the end-of-period inventories (i.e., line Y) should be equal to the beginning-of-period inventories (i.e., line O), plus materials received from toller (i.e., line P), less total shipments and returns (i.e., lines Q, S, U, and W). Please ensure that any differences are not due to data entry errors in completing this form, but rather reflect your firm's actual records; and, also provide explanations for any differences (e.g., theft, loss, damage, record systems issues, etc.) if they exist.

Reconciliation	Calendar years			January-September	
	2013	2014	2015	2015	2016
O + P – Q – S – U – W = Y should equal zero ("0") or provide an explanation. ¹	0	0	0	0	0
¹ Explanation if the calculated fields above are returning values other than zero (i.e., "0") but are nonetheless accurate: _____.					

II-9. **Channels of distribution.**-- Report your firm's commercial U.S. shipments from questions II-7 and II-8 by channel of distribution.

Quantity (in 1,000 pounds contained vanadium) and value (in \$1,000)					
Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Channels of distribution:					
Commercial U.S. shipments:					
To distributors (<i>quantity</i>) (W)					
To end users (<i>quantity</i>) (X)					

***RECONCILIATION OF CHANNELS.**--Please ensure that the quantities reported for channels of distribution (i.e., lines W and X) in each time period equal the quantity reported for commercial U.S. shipments (i.e., line D and Q) in each time period. If the calculated fields below return values other than zero (i.e., "0"), the data reported must be revised prior to submission to the Commission.*

Reconciliation	Calendar years			January-September	
	2013	2014	2015	2015	2016
W + X – D - Q = zero ("0"), if not revise.	0	0	0	0	0

II-10. **Employment data.**--Report your firm's employment-related data related to the production of ferrovandium and provide an explanation for any trends in these data. *Only firms reporting data in question II-7 should provide employment data here.

"Production and Related Workers" (PRWs) includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations.

Average number employed may be computed by adding the number of employees, both full time and part time, for the 12 pay periods ending closest to the 15th of the month and divide that total by 12. For the January to September periods, calculate similarly and divide by 9.

"Hours worked" includes time paid for sick leave, holidays, and vacation time. Include overtime hours actually worked; do not convert overtime pay to its equivalent in straight time hours.

"Wages paid" --Total wages paid before deductions of any kind (e.g., withholding taxes, old-age and unemployment insurance, group insurance, union dues, bonds, etc.). Include wages paid directly by your firm for overtime, holidays, vacations, and sick leave.

Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Average number of PRWs (number)					
Hours worked by PRWs (1,000 hours)					
Wages paid to PRWs (\$1,000)					

Explanation of trends:

II-11. **Related firms.**--If your firm reported transfers to related firms in question II-7 or II-8, please indicate the nature of the relationship between your firm and the related firms (e.g., joint venture, wholly owned subsidiary), whether the transfers were priced at market value or by a non-market formula, whether your firm retained marketing rights to all transfers, and whether the related firms also processed inputs from sources other than your firm.

II-12. **Purchases**--Other than direct imports, has your firm otherwise purchased ferrovandium since January 1, 2013?

"Purchase" – A transaction to buy product from a U.S. corporate entity such as another U.S. producer, a U.S. distributor, or a U.S. firm that has directly imported the product.

"Direct import" –A transaction to buy from a foreign supplier where your firm is the importer of record or consignee.

No Yes--Report such purchases below and explain the reasons for your firms' purchases:

(Quantity in 1,000 pounds contained vanadium)					
Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Purchases from U.S. importers¹ of ferrovandium from— Korea					
All other sources					
Purchases from domestic producers²					
Purchases from other sources²					
¹ Please list the name of the importer(s) from which your firm purchased this product. If your firm's import suppliers differ by source, please identify the source for each listed supplier: _____. ² Please list the name of the producer(s) or U.S. distributor(s) from which your firm purchased this product: _____.					

II-13. **U.S. shipments by grade.**—Indicate the quantity of U.S. shipments of ferrovandium by grade produced by or on behalf of your firm in 2015.

Quantity (in 1,000 pounds contained vanadium)	
Item	Calendar year 2015
U.S. shipments.--	
Grade 40-60 percent ferrovandium (Y)	
Grade 75-85 percent ferrovandium (Z)	
Other grade of ferrovandium ¹ (AA)	
Total U.S. shipments (AB)	0
¹ Specify the grade(s) here:	

RECONCILIATION OF U.S. SHIPMENTS.-- Please ensure that the quantities reported for U.S. shipments of ferrovandium in 2015 in this question match the U.S. shipments in questions II-7 and II-8 of producers and tollees (toll producers should not respond to this question). If the calculated fields below return values other than zero (i.e., "0"), the data reported must be revised prior to submission to the Commission.

Reconciliation	Calendar year 2015
Y + Z + AA – D – F – H – Q – S – U = zero ("0"), if not revise.	

II-14. **Other explanations.**--If your firm would like to further explain a response to a question in Part II that did not provide a narrative box, please note the question number and the explanation in the space provided below. Please also use this space to highlight any issues your firm had in providing the data in this section, including but not limited to technical issues with the MS Word questionnaire.

PART III.--FINANCIAL INFORMATION

Address questions on this part of the questionnaire to Charles Yost (202-205-3432, Charles.Yost@usitc.gov).

III-1. **Contact information.**-- Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in part III.

Name	
Title	
Email	
Telephone	
Fax	

III-2. **Accounting system.**--Briefly describe your firm's financial accounting system.

A. When does your firm's fiscal year end (month and day)? _____
 If your firm's fiscal year changed during the data-collection period, explain below:

Please report data on a calendar-year basis.

B.1. Describe the lowest level of operations (e.g., plant, division, company-wide) for which financial statements are prepared that include ferrovandium:

2. Does your firm prepare profit/loss statements for ferrovandium:

Yes No

3. How often did your firm (or parent company) prepare financial statements (including annual reports, 10Ks)? Please check relevant items below.

Audited, unaudited, annual reports, 10Ks, 10 Qs,

Monthly, quarterly, semi-annually, annually

4. Accounting basis: GAAP, cash, tax, or other comprehensive basis of accounting (specify) _____

Note: As requested in Part I of this questionnaire, please keep all supporting documents/records used in the preparation of the financial data, as Commission staff may contact your firm regarding questions on the financial data. The Commission may also request that your company submit copies of the supporting documents/records (financial statements, including internal profit-and-loss statements for the division or product group that includes ferrovandium, as well as specific statements and worksheets) used to compile these data.

III-3. **Cost accounting system.**--Briefly describe your firm's cost accounting system (e.g., standard cost, job order cost, etc.).

III-4. **Allocation basis.**--Briefly describe your firm's allocation basis, if any, for COGS, SG&A, and interest expense and other income and expenses.

--

III-5. **Product listing.**--Please list the products your firm produced in the facilities in which your firm produced ferrovanadium, and provide the share of net sales accounted for by these products in your firm's most recent fiscal year.

Products	Share of sales
Ferrovandium	%
	%
	%
	%
	%

III-6. Does your firm purchase **inputs** (raw materials, labor, energy, or any services) used in the production of ferrovanadium from any related suppliers (e.g., inclusive of transactions between related firms, divisions and/or other components within the same company)? **NOTE: THIS IS OUTSIDE OF ANY TOLLING AGREEMENT.**

Yes--Continue to question III-7.
 No--Continue to question III-9a.

III-7. **Inputs from related suppliers.**--Please identify the inputs used in the production of ferrovanadium that your firm purchases from related suppliers and that are reflected in table III-10a. For "Share of total COGS" please report this information by relevant input on the basis of your most recently completed fiscal year. For "Input valuation" please describe the basis, as recorded in your company's own accounting system, of the purchase cost from the related supplier; e.g., the related supplier's actual cost, cost plus, negotiated transfer price to approximate fair market value.

Input	Related supplier	Share of total COGS
Input valuation as recorded in the firm's accounting books and records		

III-8. **Inputs purchased from related suppliers.**--Please confirm that the inputs purchased from related suppliers, as identified in III-7, were reported in III-10a (financial results on ferrovandium) in a manner consistent with your firm's accounting books and records.

Yes

No--In the space below, please report the valuation basis of inputs purchased from related suppliers as reported in table III-10a.

III-9a. **Co-products/by-products.**— Describe other products that are produced during the course of your firm's production of ferrovandium:

III-9b. **Co-products/by-products.**— State how your firm classifies revenues from the sale of other products produced during the course of producing ferrovandium: Co-product or as By-Product

For co-products, state how costs were allocated between the co-product and ferrovandium:

III-9c. **By-products.**--if your answer to III-9b is as "by-products," state how your firm normally classifies the by-product revenue from the sale of residual materials and other products and report the revenues associated with the sale or transfer of such by-products for the three specified calendar years and both interim periods in chronological order from left to right.

Item	Calendar years--			January-September	
	2013	2014	2015	2015	2016
Value (in \$1,000)					
Classification of revenues from sale of byproducts--					
Included in "net sales value"					
Reduction of COGS					
Included in "all other income"					
Other ¹					
Total by-product revenue ²	0	0	0	0	0
¹ Please describe "other" _____. ² Your firm's total by-product revenue reported here will be populated in question III-10a as an offset to total COGS.					

III-10a. **Operations on ferrovandium by PRODUCER/TOLLER.**--Report the revenue and related cost information requested below on the ferrovandium operations of your firm's U.S. establishment(s).¹ Do not report resales of products. Note that internal consumption and transfers to related firms must be valued at fair market value. Input purchases from related suppliers should be consistent with and based on information in the firm's accounting books and records. Provide data for the three most recent calendar years and for the specified interim periods.

Quantity (in 1,000 pounds contained vanadium) and value (in \$1,000)										
Item	Calendar years--			January-September						
	2013	2014	2015	2015	2016					
Net sales quantities: ²										
Commercial sales ("CS")										
Internal consumption ("IC")										
Transfers to related firms										
Tolling – net quantity tolled										
Total net sales/tolling quantities	0	0	0	0	0					
Net sales values: ²										
Commercial sales										
Internal consumption										
Transfers to related firms										
Tolling revenue (including packaging revenue)										
Total net sales values/tolling revenues	0	0	0	0	0					
Cost of goods sold (COGS): ³										
Raw materials/Raw materials not supplied by tollee ⁴										
Direct labor										
Other factory costs										
Less: by-product revenue ⁵	0	0	0	0	0					
Total COGS/Cost of tolling services	0	0	0	0	0					
Gross profit or (loss)	0	0	0	0	0					
Selling, general, and administrative (SG&A) expenses:										
Selling expenses										
General and administrative expenses										
Total SG&A expenses	0	0	0	0	0					
Operating income (loss)	0	0	0	0	0					
Other expenses and income:										
Interest expense										
All other expense items										
All other income items										
Net income or (loss) before income taxes	0	0	0	0	0					
Depreciation/amortization included above										
¹ Include only sales (whether domestic or export) and costs related to your U.S. manufacturing operations. ² Less discounts, returns, allowances, and prepaid freight. The quantities and values should approximate the corresponding shipment quantities and values reported in Part II of this questionnaire. ³ COGS (whether for domestic or export sales) should include costs associated with CS, IC, transfers, and Tolling. ⁴ If your firm recovers the cost of raw material inputs from the tollee, please provide the revenue recovered here: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">2013:</td> <td style="width: 20%;">2014:</td> <td style="width: 20%;">2015:</td> <td style="width: 20%;">I-2015:</td> <td style="width: 20%;">I-2016:</td> </tr> </table>						2013:	2014:	2015:	I-2015:	I-2016:
2013:	2014:	2015:	I-2015:	I-2016:						
⁵ By-product revenue will populate here once reported in question III-9c.										

Note -- The table above contains calculations that will appear when you have entered data in the MS Word form fields.

III-10b. **Financial data reconciliation.**--The calculable line items from question III-10a (*i.e.*, total net sales quantities and values, total COGS, gross profit (or loss), total SG&A, and net income (or loss)) have been calculated from the data submitted in the other line items. Do the calculated fields return the correct data according to your firm's financial records ignoring non-material differences that may arise due to rounding?

Yes No--If the calculated fields do not show the correct data, please double check the feeder data for data entry errors and revise.

Also, check signs accorded to the post operating income line items; the two expense line items should report positive numbers (*i.e.*, expenses are positive and incomes or reversals are negative--instances of the latter should be rare in those lines) while the income line item also in most instances should have its value be a positive number (*i.e.*, income is positive, expenses or reversals are negative).

If after reviewing and potentially revising the feeder data your firm has provided, the differences between your records and the calculated fields persist please identify and discuss the differences in the space below.

III-10c. **Data consistency and reconciliation.**-- Please note the quantities and values reported in question III-10a should reconcile with the data reported in question II-7 (including export shipments) as long as they are reported on the same calendar year basis.

RECONCILIATION OF TRADE VS FINANCIAL DATA.--Please ensure that the quantities and values reported for total shipments in Part II equal the quantities and values reported total net sales in Part III of this questionnaire in each time period unless the financial data from Part III are reported on a calendar year basis, in which case only the interim periods must reconcile perfectly. If the calculated fields below return values other than zero (*i.e.*, "0") and both are being reported on a calendar basis, please explain the discrepancy below.

Reconciliation	Full year data			Partial year periods	
	2013	2014	2015	2015	2016
Quantity: Trade data from Part II less financial data from Part III, = zero ("0") except as noted above.	0	0	0	0	0
Value: Trade data from Part II less financial data from Part III, = zero ("0") except as noted above.	0	0	0	0	0

Do these data in question III-10 reconcile with data in question II-7?

Yes	No	If no, please explain.
<input type="checkbox"/>	<input type="checkbox"/>	

III-11. **Nonrecurring items (charges and gains) included in the subject product financial results.**--For each annual and interim period for which financial results are reported in question III-10a, please specify all material (significant) nonrecurring items (charges and gains) in the schedule below, the specific table line item where the nonrecurring items are included, a brief description of the relevant nonrecurring items, and the associated values (*in \$1,000*), as reflected in table III-10a; i.e., if an aggregate nonrecurring item has been allocated to the applicable, only the allocated value amount included in the table should be reported in the schedule below. Note: The Commission's objective here is to gather information only on material (significant) nonrecurring items which impacted the reported financial results of the subject product .

	Fiscal years ended--			January-September	
	2013	2014	2015	2015	2016
Nonrecurring item: In this column please provide a brief description of each nonrecurring item and indicate the specific line item in table III-10a where the nonrecurring item is classified.	Nonrecurring item: In these columns please report the amount of the relevant nonrecurring item reported in table III-10a. Value (in \$1,000)				
1. , classified as					
2. , classified as					
3. , classified as					
4. , classified as					
5. , classified as					
6. , classified as					
7. , classified as					

III-12. **Classification of identified nonrecurring items (charges and gains) in the accounting books and records of the company.**--If non-recurring items were reported in table III-10a above, please identify where your company recorded these items in your accounting books and records in the normal course of business; i.e., just as responses to question III-10 identify where these items are reported in table III-9a.

III-13. **Operations on ferrovandium by TOLLEE.**--Report the revenue and related cost information requested below on your firm's sales of ferrovandium toll-produced by an unrelated toller in the United States from raw materials your firm supplied.¹ Provide data ON A CALENDAR-YEAR BASIS in chronological order from left to right.

NOTE: Data reported in III-13 should correspond to the data your firm reported in question II-8.

Quantity (in 1,000 pounds contained vanadium) and value (in \$1,000)					
Item	Calendar years			January-September	
	2013	2014	2015	2015	2016
Net sales quantities: ²					
Commercial sales					
Internal consumption					
Transfers to related firms					
Total net sales quantities	0	0	0	0	0
Net sales values: ²					
Commercial sales					
Internal consumption					
Transfers to related firms					
Total net sales values	0	0	0	0	0
Cost of goods sold (COGS): ³					
Raw materials supplied to toller, net of any cost recovery ⁴					
Other costs					
Toll conversion fee (including packaging fees)					
Total COGS	0	0	0	0	0
Gross profit or (loss)	0	0	0	0	0
Selling, general, and administrative (SG&A) expenses:					
Operating income (loss)	0	0	0	0	0
Other expenses/(income) ⁵					
Net income (loss)	0	0	0	0	0
¹ Include only sales (whether <u>domestic or export</u>) and costs related to subject product toll-produced in the United States. ² Less discounts, rebates, returns, allowances, and prepaid freight. The quantities and values should approximate the corresponding shipment quantities and values reported in Part II of this questionnaire. ³ COGS should include costs associated with commercial sales (including exports), internal consumption, and transfers to related firms. Inputs from related firms should reflect the valuation basis in your firm's books and records in accordance with question III-7. ⁴ If your firm recovers the cost of raw material inputs, e.g., byproducts or other cost offset, please provide the cost recovered here:					
2013:	2014:	2015:	I-2015:	I-2016:	
⁵ Include the net of interest expense, other expense, and (other income) on this line. Insert interest expense and other expense as positive numbers, and insert other income as a negative number.					

Note -- The table above contains calculations that will appear when you have entered data in the MS Word form fields.

III-14. **Asset values.**--Report the total assets (i.e., both current and long-term assets) associated with the production, warehousing, and sale of ferrovandium. If your firm does not maintain some or all of the specific asset information necessary to calculate total assets for ferrovandium in the normal course of business, please estimate this information based upon a method (such as production, sales, or costs) that is consistent with relevant cost allocations in table III-9a. Provide data as of the end of your firm's three most recently completed fiscal years.

Note: Total assets should reflect net assets after any accumulated depreciation and allowances deducted.

Total assets should be allocated to the subject products if these assets are also related to other products. Please provide a brief explanation if there are any substantial changes in total asset value during the period; e.g., due to asset write-offs, revaluation, and major purchases.

Value (in \$1,000)			
Item	Calendar years--		
	2013	2014	2015
Total assets (net) ¹			
Producer/Toller ¹			
Tollee ²			
¹ Producer's/Toller's total assets corresponding to the operational data reported in question III-10a. Describe substantial changes _____ ² Tollee's total assets corresponding to the operational data reported in question III-13. Describe substantial changes _____			

III-15. **Capital expenditures and research and development expenses.**--Report your firm's capital expenditures and research and development expenses for ferrovandium. Provide data for your firm's three most recently completed fiscal years, and for the specified interim periods.

Value (in \$1,000)					
Item	Calendar years--			January-September	
	2013	2014	2015	2015	2016
Capital expenditures					
Producer/Toller ¹					
Tollee ²					
Research and development expenses					
Producer/Toller ¹					
Tollee ²					
¹ Producers' capital expenditures and R&D expenses corresponding to the operational data reported in question III-10a. ² Tollee's capital expenditures and R&D expenses corresponding to the tollee's operational data reported in question III-13. Please indicate the nature, focus, and significance of your firm's capital expenditures as they relate to ferrovandium. Also, state whether or not these capital expenditures were made to increase capacity. <hr/> Please indicate the nature, focus, and significance of your firm's R&D expenses as they relate to ferrovandium. <hr/>					

III-16. **Effects of imports on investment.**--Since January 1, 2013, has your firm experienced any actual negative effects on its return on investment or the scale of capital investments as a result of imports of ferrovandium from Korea?

No Yes--My firm has experienced actual negative effects as follows:

<i>(check as many as appropriate)</i>		<i>(please describe)</i>
<input type="checkbox"/>	Cancellation, postponement, or rejection of expansion projects	
<input type="checkbox"/>	Denial or rejection of investment proposal	
<input type="checkbox"/>	Reduction in the size of capital investments	
<input type="checkbox"/>	Return on specific investments negatively impacted	
<input type="checkbox"/>	Other	

III-17. **Effects of imports on growth and development.**--Since January 1, 2013, has your firm experienced any actual negative effects on its growth, ability to raise capital, or existing development and production efforts (including efforts to develop a derivative or more advanced version of the product) as a result of imports of ferrovandium from Korea?

No Yes--My firm has experienced actual negative effects as follows:

<i>(check as many as appropriate)</i>		<i>(please describe)</i>
<input type="checkbox"/>	Rejection of bank loans	
<input type="checkbox"/>	Lowering of credit rating	
<input type="checkbox"/>	Problem related to the issue of stocks or bonds	
<input type="checkbox"/>	Ability to service debt	
<input type="checkbox"/>	Other	

III-18. **Anticipated effects of imports.**--Does your firm anticipate any negative effects due to imports of ferrovandium from Korea?

No	Yes	If yes, my firm anticipates negative effects as follows:
<input type="checkbox"/>	<input type="checkbox"/>	

III-19. **Other explanations.**--If your firm would like to further explain a response to a question in Part III that did not provide a narrative box, please note the question number and the explanation in the space provided below. Please also use this space to highlight any issues your firm had in providing the data in this section, including but not limited to technical issues with the MS Word questionnaire.

--

PART IV.--PRICING AND MARKET FACTORS

Further information on this part of the questionnaire can be obtained from Andrew Knipe (202-205-2781, Andrew.knipe@usitc.gov).

IV-1. **Contact information.**--Please identify the individual that Commission staff may contact regarding the confidential information submitted in part IV.

Name	
Title	
Email	
Telephone	
Fax	

PRICE DATA

IV-2. This question requests quarterly quantity and value data for your firm's commercial shipments to unrelated U.S. customers since January 1, 2013 of the following products produced by your firm **or toll-produced for your firm.**

Product 1.-- Ferrovandium containing 40-60 percent vanadium, 2" by down

Product 2.-- Ferrovandium containing 75-85 percent vanadium, 2" by down

Please note that values should be f.o.b., U.S. point of shipment and should not include U.S.-inland transportation costs. Values should reflect the *final net* amount paid to your firm (i.e., should be net of all deductions for discounts or rebates).

During January 2013-September 2016, did your firm produce, **or have toll-produced for your firm**, and sell to unrelated U.S. customers any of the above listed products (or any products that were competitive with these products)?

<input type="checkbox"/>	Yes. --Please complete the following pricing data table as appropriate.
<input type="checkbox"/>	No. --Skip to question IV-3.

IV-2. **Price data.**—

- (a) Report below the quarterly price data¹ for pricing products² produced **by, or toll-produced for**, and sold by your firm.

Report data in actual pounds of contained vanadium and actual dollars (not 1,000s).

<i>(Quantity in pounds of contained vanadium, value in dollars)</i>				
Period of shipment	Product 1		Product 2	
	Quantity	Value	Quantity	Value
2013:				
January-March				
April-June				
July-September				
October-December				
2014:				
January-March				
April-June				
July-September				
October-December				
2015:				
January-March				
April-June				
July-September				
October-December				
2016:				
January-March				
April-June				
July-September				

¹ Net values (*i.e.*, gross sales values less all discounts, allowances, rebates, prepaid freight, and the value of returned goods), f.o.b. your firm's U.S. point of shipment.

² Pricing product definitions are provided on the first page of Part IV.

Note.—If your firm's product does not exactly meet the product specifications but is competitive with the specified product, provide a description of your firm's product. Also, please explain any anomalies in your firm's reported pricing data.

Product 1:

Product 2:

- (b) **Pricing data methodology.**—Please describe the method and the kinds of documents/records that were used to compile your price data.

Note: As requested in Part I of this questionnaire, please keep all supporting documents/records used in the preparation of the price data, as Commission staff may contact your firm regarding questions on the price data. The Commission may also request that your company submit copies of the supporting documents/records (such as sales journal, invoices, etc.) used to compile these data.

IV-3. **Price setting.**-- How does your firm determine the prices that it charges for sales of ferrovandium (*check all that apply*)? If your firm issues price lists, please submit sample pages of a recent list.

Transaction by transaction	Contracts	Set price lists	Other	If other, describe
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IV-4. **Discount policy.**-- Please indicate and describe your firm's discount policies (*check all that apply*).

Quantity discounts	Annual total volume discounts	No discount policy	Other	Describe
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IV-5. **Pricing terms.**--

(a) What are your firm's typical sales terms for its U.S.-produced ferrovandium?

Net 30 days	Net 60 days	2/10 net 30 days	Other	Other (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

(b) On what basis are your firm's prices of domestic ferrovandium usually quoted (*check one*)?

Delivered	F.o.b.	If f.o.b., specify point
<input type="checkbox"/>	<input type="checkbox"/>	

IV-6. **Contract versus spot.**--Approximately what share of your firm's sales of its U.S.-produced ferrovandium in 2015 was on a (1) long-term contract basis, (2) annual contract basis, (3) short-term contract basis, and (4) spot sales basis?

	Type of sale				Total (should sum to 100.0%)
	Long-term contracts (multiple deliveries for more than 12 months)	Annual contracts (multiple deliveries for 12 months)	Short-term contracts (multiple deliveries for less than 12 months)	Spot sales (for a single delivery)	
Share of 2015 sales	%	%	%	%	0.0 %

IV-7. Contract provisions.—

(a) Please fill out the table regarding your firm's typical sales contracts for U.S.-produced ferrovandium (or check "not applicable" if your firm does not sell on a long-term, short-term and/or annual contract basis).

Typical sales contract provisions	Item	Short-term contracts (multiple deliveries for less than 12 months)	Annual contracts (multiple deliveries for 12 months)	Long-term contracts (multiple deliveries for more than 12 months)
Average contract duration	<i>No. of days</i>		365	
Price renegotiation (during contract period)	<i>Yes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<i>No</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fixed quantity and/or price	<i>Quantity</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<i>Price</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<i>Both</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Meet or release provision	<i>Yes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<i>No</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not applicable		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) Do previously negotiated contracts influence prices for future contracts?

Yes	No	If yes, please explain.

(c) Please explain how contract prices are calculated, including any formulas and/or discounts.

IV-8. **Price indices.**--Does your firm base sales prices on published prices from the following sources?

- No—Skip to question IV-9. Yes--Check all that apply to your firm.

Publication	(Check all that apply)
Ryan's Notes	<input type="checkbox"/>
Platts Metal Week	<input type="checkbox"/>
U.S. import statistics	<input type="checkbox"/>
Source(s) other than those listed above ¹	<input type="checkbox"/>
¹ List the source(s):	

IV-9. **Lead times.**--What is your firm's share of sales from inventory vs. produced to order and what is the typical lead time between a customer's order and the date of delivery for your firm's sales of its U.S.-produced ferrovandium?

Source	Share of 2015 sales	Lead time (average number of days)
From inventory	%	
Produced to order	%	
Total (should sum to 100.0%)	0.0 %	

IV-10. **Shipping information.**--

- (a) What is the approximate percentage of the total delivered cost of U.S.-produced ferrovandium that is accounted for by U.S. inland transportation costs? _____ percent
- (b) Who generally arranges the transportation to your firm's customers' locations?
 Your firm Purchaser (*check one*)
- (c) Indicate the approximate percentage of your firm's sales of ferrovandium that are delivered the following distances from its production facility.

Distance from production facility	Share
Within 100 miles	%
101 to 1,000 miles	%
Over 1,000 miles	%
Total (should sum to 100.0%)	0.0 %

IV-11. **Geographical shipments.**-- In which U.S. geographic market area(s) has your firm sold its U.S.-produced ferrovandium since January 1, 2013 (check all that apply)?

Geographic area	✓ if applicable
Northeast. --CT, ME, MA, NH, NJ, NY, PA, RI, and VT.	<input type="checkbox"/>
Midwest. --IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.	<input type="checkbox"/>
Southeast. --AL, DE, DC, FL, GA, KY, MD, MS, NC, SC, TN, VA, and WV.	<input type="checkbox"/>
Central Southwest. --AR, LA, OK, and TX.	<input type="checkbox"/>
Mountains. --AZ, CO, ID, MT, NV, NM, UT, and WY.	<input type="checkbox"/>
Pacific Coast. --CA, OR, and WA.	<input type="checkbox"/>
Other. --All other markets in the United States not previously listed, including AK, HI, PR, and VI.	<input type="checkbox"/>

IV-12. **End uses.**--List the end uses of the ferrovandium that your firm manufactures. For each end-use product, estimate the percentage of the total cost that is accounted for by ferrovandium and other inputs.

End use product	Share of total cost of end use product accounted for by		Total (should sum to 100.0% across)
	ferrovandium	Other inputs	
	%	%	0.0 %
	%	%	0.0 %
	%	%	0.0 %

IV-13. **Substitutes.**-- Can other products be substituted for ferrovandium?

No Yes--Please fill out the table.

Substitute	End use in which this substitute is used	Have changes in the price of this substitute affected the price for ferrovandium?		
		No	Yes	Explanation
1.		<input type="checkbox"/>	<input type="checkbox"/>	
2.		<input type="checkbox"/>	<input type="checkbox"/>	
3.		<input type="checkbox"/>	<input type="checkbox"/>	

IV-14. **Demand trends.**-- Indicate how demand within the United States and outside of the United States (if known) for ferrovandium has changed since January 1, 2013. Explain any trends and describe the principal factors that have affected these changes in demand.

Market	Overall increase	No change	Overall decrease	Fluctuate with no clear trend	Explanation and factors
Within the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outside the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IV-15. **Product changes.**--Have there been any significant changes in the product range, product mix, or marketing of ferrovandium since January 1, 2013?

No	Yes	If yes, please describe and quantify if possible.
<input type="checkbox"/>	<input type="checkbox"/>	

IV-16. **Conditions of competition.**--

(a) Is the ferrovandium market subject to business cycles (other than general economy-wide conditions) and/or other conditions of competition distinctive to ferrovandium? If yes, describe.

Check all that apply.	Please describe.
<input type="checkbox"/> No	Skip to question IV-17.
<input type="checkbox"/> Yes-Business cycles (e.g. seasonal business)	
<input type="checkbox"/> Yes-Other distinctive conditions of competition	

(b) If yes, have there been any changes in the business cycles or conditions of competition for ferrovandium since January 1, 2013?

No	Yes	If yes, describe.
<input type="checkbox"/>	<input type="checkbox"/>	

IV-17. **Supply constraints.**--Has your firm refused, declined, or been unable to supply ferrovandium since January 1, 2013 (examples include placing customers on allocation or "controlled order entry," declining to accept new customers or renew existing customers, delivering less than the quantity promised, been unable to meet timely shipment commitments, etc.)?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

IV-18. **Raw materials.**--How have ferrovandium raw material prices changed since January 1, 2013?

Overall increase	No change	Overall decrease	Fluctuate with no clear trend	Explain, noting how raw material price changes have affected your firm's selling prices for ferrovandium.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IV-19. **Interchangeability.**--Is ferrovandium produced in the United States and in other countries interchangeable (*i.e.*, can they physically be used in the same applications)?

Please indicate A, F, S, N, or O in the table below:

A = the products from a specified country-pair are *always* interchangeable

F = the products are *frequently* interchangeable

S = the products are *sometimes* interchangeable

N = the products are *never* interchangeable

O = *no familiarity* with products from a specified country-pair

Country-pair	Korea	Austria	Canada	Czech Republic	Other countries
United States					
Korea	X				
Austria	X	X			
Canada	X	X	X		
Czech Republic	X	X	X	X	

For any country-pair producing ferrovandium that is *sometimes* or *never* interchangeable, identify the country-pair and explain the factors that limit or preclude interchangeable use:

--

IV-20. **Factors other than price.**--Are differences other than price (*e.g.*, quality, availability, transportation network, product range, technical support, *etc.*) between ferrovandium produced in the United States and in other countries a significant factor in your firm's sales of the products?

Please indicate A, F, S, N, or O in the table below:

A = such differences are *always* significant

F = such differences are *frequently* significant

S = such differences are *sometimes* significant

N = such differences are *never* significant

O = *no familiarity* with products from a specified country-pair

Country-pair	Korea	Austria	Canada	Czech Republic	Other countries
United States					
Korea	X				
Austria	X	X			
Canada	X	X	X		
Czech Republic	X	X	X	X	
For any country-pair for which factors other than price <i>always</i> or <i>frequently</i> are a significant factor in your firm's sales of ferrovandium, identify the country-pair and report the advantages or disadvantages imparted by such factors:					

IV-21. **Customer identification.**--List the names and contact information for your firm's 10 largest U.S. customers for ferrovandium since January 1, 2013. Indicate the share of the quantity of your firm's total shipments of ferrovandium that each of these customers accounted for in 2015.

	Customer's name	City	State	Share of 2015 sales (percent)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

IV-22. **Competition from imports.--**

(a) **Lost revenue.**--Since January 1, 2013: To avoid losing sales to competitors selling ferrovandium from Korea, did your firm:

	No	Yes
Reduce prices	<input type="checkbox"/>	<input type="checkbox"/>
Roll back announced price increases	<input type="checkbox"/>	<input type="checkbox"/>

(b) **Lost sales.**--Since January 1, 2013: Did your firm lose sales of ferrovandium to imports of this product from Korea?

No	Yes
<input type="checkbox"/>	<input type="checkbox"/>

IV-23. **Other explanations.**--If your firm would like to further explain a response to a question in Part IV that did not provide a narrative response box, please note the question number and the explanation in the space provided below. Please also use this space to highlight any issues your firm had in providing the data in this section, including but not limited to technical issues with the MS Word questionnaire.

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HOW TO FILE YOUR QUESTIONNAIRE RESPONSE

This questionnaire is available as a “fillable” form in MS Word format on the Commission’s website at:

http://www.usitc.gov/investigations/701731/2016/ferrovandium_korea/preliminary.htm

Please do not attempt to modify the format or permissions of the questionnaire document. Please submit the completed questionnaire using one of the methods noted below. If your firm is unable to complete the MS Word questionnaire or cannot use one of the electronic methods of submission, please contact the Commission for further instructions.

- **Upload via Secure Drop Box.**—Upload the MS Word questionnaire along with a scanned copy of the signed certification page (page 1) through the Commission’s secure upload facility:

Web address: <https://dropbox.usitc.gov/oinv/> **Pin:** FeV

- **E-mail.**—E-mail the MS Word questionnaire to lawrence.jones@usitc.gov ; include a scanned copy of the signed certification page (page 1). *Submitters are strongly encouraged to encrypt nonpublic documents that are electronically transmitted to the Commission to protect your sensitive information from unauthorized disclosure. The USITC secure drop-box system and the Electronic Document Information System (EDIS) use Federal Information Processing Standards (FIPS) 140-2 cryptographic algorithms to encrypt data in transit. Submitting your nonpublic documents by a means that does not use these encryption algorithms (such as by email) may subject your firm’s nonpublic information to unauthorized disclosure during transmission. If you choose a non-encrypted method of electronic transmission, the Commission warns you that the risk of such possible unauthorized disclosure is assumed by you and not by the Commission.*

If your firm does not produce this product, please fill out page 1, print, sign, and submit a scanned copy to the Commission.

Parties to this proceeding.—If your firm is a party to this proceeding, it is required to serve a copy of the completed questionnaire on parties to the proceeding that are subject to administrative protective order (see 19 CFR § 207.7). A list of such parties may be obtained from the Commission’s Secretary (202-205-1803). A certificate of service must accompany the completed questionnaire you submit (see 19 CFR § 207.7). Service of the questionnaire must be made in paper form.