## UNITED STATES INTERNATIONAL TRADE COMMISSION

In the Matter of:

STAINLESS STEEL FLANGES FROM CHINA
AND INDIA

) Investigation Nos.:
) 701-TA-585-586 AND 731-TA-1383-1384
) (PRELIMINARY)

Pages: 1 - 90

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1	UNITED STATES OF AMERICA
2	BEFORE THE
3	INTERNATIONAL TRADE COMMISSION
4	
5	IN THE MATTER OF: ) Investigation Nos.:
6	STAINLESS STEEL FLANGES FROM ) 701-TA-585-586 AND
7	CHINA AND INDIA ) 731-TA-1383-1384
8	) (PRELIMINARY)
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12	Hearing Room A
13	U.S. International Trade
14	Commission
15	500 E Street, SW
16	Washington, DC
17	Wednesday, September 6, 2017
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19	The meeting commenced pursuant to notice at 9:30
20	a.m., before the Investigative Staff of the United States
21	International Trade Commission, Michael Anderson, Director
22	of Investigations, presiding.
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24	
25	

1	APPEARANCES:
2	Staff:
3	William R. Bishop, Supervisory Hearings and
4	Information Officer
5	Sharon Bellamy, Records Management Specialist
6	Yasmyne Hilliard, Student Intern
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8	Michael Anderson, Director of Investigations
9	Douglas Corkran, Supervisory Investigator
10	Justin Enck, Investigator
11	Amanda Lawrence, Investigator
12	David Gumberman, International Trade Analyst
13	Tana Von Kessler, International Economist
14	David Boyland, Accountant/Auditor
15	Courtney McNamara, Attorney/Advisor
16	
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1	Opening Remarks:
2	Petitioner (Daniel B. Pickard, Wiley Rein LLP)
3	
4	In Support to the Imposition of Antidumping and
5	Countervailing Duty Orders:
6	Wiley Rein LLP
7	Washington, DC
8	on behalf of
9	Coalition of American Flange Producers
10	Alex Maass, President, Maass Flange Corporation
11	David Cook, Vice President, Maass Flange
12	Corporation
13	Dr. Seth T. Kaplan, Economist, International
14	Economic Research LLC
15	Daniel B. Pickard and Stephanie M. Bell - Of
16	Counsel
17	
18	
19	Closing Remarks
20	Petitioner (Daniel B. Pickard, Wiley Rein LLP)
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1	PROCEEDINGS
2	9:32 a.m.
3	MR. BISHOP: Will the room please come to order?
4	MR. ANDERSON: Good morning and welcome to the
5	U.S. International Trade Commission's Conference in
6	connection with the preliminary phase Antidumping and
7	Countervailing Duty Investigation Nos. 701-TA-585-586 and
8	731-TA-1383 through 1384 concerning Stainless Steel Flanges
9	from China and India. My name is Michael Anderson.
10	I'm the Director of the Office of Investigations
11	and I'll preside at this conference. Among those present
12	from the Commission Staff are on my far right: Douglas
13	Corkran, our Supervisory Investigator and we have two
14	investigators which may make you feel this case is very,
15	very important; we have Justin Enck and Amanda Lawrence. On
16	my left: our team is Courtney McNamara our Attorney
17	Advisor; Tana Von Kessler our Economist, David Boyland Our
18	accountant and Advisor and finally David Guberman our
19	Industry Analyst.
20	I understand that all parties are aware of the
21	time allocations and I would remind speakers not to refer to
22	Business Proprietary Information and to speak directly into
23	the microphones. We also ask that each time that you speak,
24	please state your name and affiliation for the benefit of
25	the court reporter. All witnesses must be sworn in before

Т	presenting testimony. Any questions regarding time
2	allocations should be addressed with the Secretary. Are
3	there any questions?
4	Very well. Mr. Secretary, let us proceed with
5	opening remarks.
6	MR. BISHOP: Mr. Chairman, before we proceed to
7	opening remarks I would note that all witnesses for today's
8	conference have been sworn in. Opening remarks on behalf of
9	the Petitioner will be given by Daniel B. Pickard, Wiley
10	Rein
11	STATEMENT OF DANIEL PICKARD
12	MR. PICKARD: Good morning. For the record, this
13	is Dan Pickard of Wiley Rein. Thank you Mr. Anderson and
14	Staff. As I indicated I think I will make a very
15	abbreviated opening statement and then perhaps we will get
16	right into the direct presentation.
17	So I think what I'd like to tee up is maybe six
18	major points and I don't think any of these are going to be
19	surprising but I just wanted to kind of front load it.
20	Point number one is stainless steel flanges are
21	fungible products and are made regardless if they are
22	domestic, Chinese or Indian to the same specifications.
23	Number two that is one of the most relevant
24	conditions of competition. Demand has decreased during the
25	DOI and remains relatively flat to down ever the interim

1	periods. In 2017 the most recent evidence
2	of record shares a significant increase in Subject Imports
3	whether measured absolutely relative to U.S. Production or
4	by market share.
5	Number four, there is compelling evidence of
6	underselling both by examining the underselling data in the
7	questionnaires and also examination of the average unit
8	values and the official import statistics.
9	Number five, this is a compelling case of current
10	material injury. Maybe most probative in regard to evidence
11	of injury would be the effects of imports on the industry's
12	operating margins and operating profits.
13	And then, while I think of this case as
14	predominantly a current material injury case there is also
15	compelling evidence of further threat of injury, especially
16	evidenced by the massive excess capacity in the Subject
17	Countries. Their history of surging into and out of the
18	market and perhaps to a greater degree than the Commission
19	has seen in other cases recently just a completely
20	different level of subsidization provided by both
21	Governments of China and the Governments of India all of
22	which we will discuss further today.
23	So how we've structured our direct presentation
24	is Mr. Maass is going to have a direct statement and then
25	review of the production process. I am going to highlight

1	some of the specific legal issues and then Dr. Seth Kaplan
2	is going to go over some of the economic issues and a review
3	of some of the most pertinent conditions of competition.
4	Obviously we would be happy to answer any questions that you
5	might have. So Alex, if you would be so kind?
6	STATEMENT OF ALEX MAASS
7	MR. MAASS: Good morning. This is Alex Maass.
8	(Some sound problems.)
9	Good morning and thank you for your time to work
10	on this case. I am Alexander Maass, President of Maass
11	Flange Corporation located in Houston, Texas and Sealy,
12	Texas. Maass Flange was founded almost 70 years ago in 1948
13	by my Grandfather.
14	Our family formed Maass Flange in the United
15	States 35 years ago in 1982. I started working in the
16	company in 1986 as a high school student on a part-time
17	basis. In the 1990's I became Vice President of Maass
18	Flange and in 2002 I became President of the Company and I
19	have held this position for the last 15 years.
20	I have over 30 years of experience in the
21	business and represent a third generation of family to work
22	at the company. Within the context of the scope of this
23	case, Maass Flange is the largest fully integrated stainless
24	steel flange manufacturer. We offer a complete line of
25	flanges and a full range of pressure classes and in various

1	grades of material.
2	Our stainless steel flanges are used to
3	strengthen and connect pipes, valves, pumps and other
4	equipment for piping systems and because they are resistant
5	to the harshest applications. They are used in gas and
6	petrochemical applications as well as coal, natural gas,
7	wind, and nuclear energy power applications.
8	Our flanges are also used to assemble
9	pharmaceutical equipment and our nation's military vessels
10	and warfare products including navy ship, submarines and
11	aviation jet refueling systems.
12	I am here today because our company and employees
13	are being injured by imports of stainless steel flanges from
14	China and India. In 1994, this Commission and Department of
15	Commerce issued a much needed trade relief through
16	antidumping orders against India and Taiwan.
17	The market recovered at that time. By 2005, one
18	of the biggest competitors, Virage had been removed from the
19	Indian order after three years of receiving zero or de
20	minimis margins. We hope that this meant that Virage or any
21	of its affiliates or related companies were done with
22	dumping their products into the United States.
23	Sadly, we were wrong. We are now back at the
24	same crossroads we were in at the mid 1990's. With even

worse conditions now, and we believe that the behavior of

25

1	Virage and its sister company Bibbits has only worsened.
2	The Commission's recent experience with Virage in a 337
3	Investigation speaks volumes as to their dishonest business
4	practices.
5	Now, with the Domestic Industry even more
6	vulnerable due to declining demand, the behavior of Virage
7	and other Subject Exporters is especially harmful. Today,
8	because of Indian companies like Virage and Bibbits as well
9	as Chinese flange producers and exporters, conditions of our
10	industry have worsened, particularly over the last three
11	years.
12	Imports have seriously damaged producers in the
13	United States as American Manufacturers have increasingly
14	been forced out of the business by low-priced imports. For
15	example, the Ameriforge Group which was a true U.S.
16	Manufacturer of stainless steel and allow flanges, filed for
17	Chapter 11 bankruptcy protection earlier this year.
18	As a result of dumped and subsidized low-priced
19	flange imports, Ameriforge now imports significant amounts
20	of semi-finished flanges and performs only minimal machining
21	on these imports as a converter. Ameriforge and other
22	companies like it are sacrificing their forging operations
23	all because of Chinese and Indian imports.
24	Further, U.S. Companies involved in finishing
25	operations are heavily supplied by Virage and other Indian

1	and chimese manufacturers who self the low-priced forgings
2	that need only undergo minor finishing before they are sold
3	side-by-side and head-to-head with U.S. Product.
4	To illustrate how imports have injured our
5	industry through unfair pricing, we brought a billet, a
6	forging and a finished flange. As I explained earlier, a
7	billet goes into making a forging which then goes into
8	making a finished flange. It is not uncommon to see imports
9	of finished flanges from India where the per kilo price is
10	even less than the value of the billet we use to produce the
11	U.S. flanges.
12	The price of Indian flanges which includes
13	freight, packing and other costs is frequently cheaper on a
14	per kilo basis than the cost of our basic raw material. As
15	the components used to make the stainless steel are global
16	commodities, the pricing on Chinese and Indian flanges is
17	clearly illogical and expenses and machining costs have not
18	even been factored into the raw material.
19	Further, once you compare the Indian price to the
20	price of a finished U.S. flange, the Indian price can be 70
21	percent lower than the Domestic price. To be clear, these
22	are for the same interchangeable products made to the exact
23	same customer and industry specifications.
24	This astronomical price difference is not
25	accidental It is a result of sales at a less than fair

- 1 value and countervailable government subsidies. As
- 2 low-price Chinese and Indian flanges are sold to U.S.
- 3 Customers, we lose sales and revenue to companies whose
- 4 exports to the United States are heavily subsidized by the
- 5 Chinese and Indian Governments and who otherwise engage in
- 6 unfair practices.
- 7 In fact, Virage has publicly admitted that it has
- 8 received over 300 million Euros in subsidies from the
- 9 Government of India. Importantly U.S., Chinese and Indian
- 10 flanges all compete throughout the U.S. Marketplace.
- 11 Although they are approval-listed in the Industry this has
- no effect on imports' ability to compete with U.S.
- 13 Merchandise for three main reasons.
- 14 First, the vast majority of sales, at least 75
- 15 percent are not done through approval lists. Second, many
- 16 Subject Importers and Converters that use Indian and Chinese
- 17 forgings and unfinished flanges are on the approval list and
- 18 therefore compete with U.S. Made flanges for approval list
- 19 sales. Third, if the prices being offered are low enough,
- 20 even on the unapproved, customers that use the approval list
- 21 will make exceptions and accept unapproved flanges as a
- 22 substitute.
- 23 Thus, throughout the entire U.S. Marketplace, the
- 24 Domestic Industry is faced with competition of large
- 25 quantities of low-priced imports from China and India.

1 Unless antidumping and countervailing duty orders are issued against these imports, low-priced flanges from China and 2. India will continue to enter the United States market, 3 4 displace U.S. Production, depress Domestic prices, cause financial distress and further injure our business. 5 6 At Maass Flange, the production of stainless 7 steel flanges used to represent 95 percent of our turnover. Now, the products covered by the scope of this investigation 8 9 are less than 50 percent of our production and this number 10 will continue to decrease unless Chinese and Indian Imports Moreover, our business as a 11 are stemmed. 12 whole has shrunken dramatically as a result of low-priced 13 flange imports and both the company and we have been unable 14 to match 401K contributions as we would like and have been 15 forced to limit pay raises and year-end bonuses. 16 the financial ability to raise wages we have lost a lot of 17 talented employees, many of which were with the company for a considerable amount of time. 18 19 There is no question that the unfair imports have injured our workers. Were the Commission to decide not to 20 21 further investigate this case, the results would be 22 devastating not only for the company and workers but for the 23 Industry as a whole. Simply put, the United States would 24 completely lose the competence to forge these products in 25 the United States. As I mentioned earlier, we are one of

- the last of the integrated producers.
- Without an order, our company will likely go out
- of business or be forced to close our forging facility. We
- 4 would no longer manufacture anything. We will just be a
- 5 small office in Texas with a staff of about five people.
- 6 The towns where we operate in, the economies, the
- 7 communities would also suffer greatly.
- 8 As I mentioned earlier we have a facility in
- 9 Sealy, Texas which is a town of about 7,000 people. We are
- 10 the largest gas consumer in the town of Sealy and one of the
- largest industrial employers in town. We employ about 40 to
- 12 50 people in this town. However if Chinese and Indian
- 13 Imports of stainless steel flanges were allowed to continue
- 14 devastating our business we would have no option but to shut
- down the Sealy facility.
- 16 This would be a big hit to a small town producing
- 17 a devastating domino effect to the local economy and
- 18 community. We should not be forced to compete against
- 19 unfairly traded imports from China or India, which are
- 20 selling flanges at or below raw material costs and are
- 21 heavily subsidized by their governments. These imports have
- 22 caused us to make painful employee decisions and if these
- imports are allowed to continue harming our company we will
- 24 have to make even more painful decisions that will affect
- our employees and families.

1	This is why we are here today, fighting for our
2	industry. Imports of Stainless Steel Flanges from China and
3	India have caused significant injury to our U.S. Industry
4	and its workers and threatened us with continued injury. We
5	urge the Commission Staff to recommend the continuation of
6	these investigations. Thank you very much for your time and
7	I am happy to answer any questions.
8	Thank you. I will proceed with the general
9	production flow of how a flange is made to try to give you
10	an understanding of how it goes from raw material to
11	finished state and after that presentation try to give you a
12	little bit of explanation on how all of these products are
13	interchangeable. In fact, while I was putting them on the
14	table, I myself had to very closely look to make sure that I
15	put each flange on the right piece of paper because
16	otherwise I could not tell.
17	MR. MAASS: As I had mentioned earlier, we are a
18	fully integrated domestic manufacturer of stainless steel
19	flanges. What does "fully integrated" mean?
20	Fully integrated means we purchase the raw
21	material, which is that little block sitting right over
22	there (indicating), of billet from qualified steel mills.
23	We heat that piece of billet up to a temperature red hot,
24	and then forge it into a forging shape, fully machine
25	inspect, and ship it.

1	The materials received in either round or
2	round-corner squareround-corner square is the piece that 1
3	brought with meshape. It's being saw-cut on band saws to
4	the length required to fulfill the amount of volume of
5	material required to forge the flange. That's pretty much
6	the first production process.
7	After saw cutting, it's heated in furnaces to a
8	temperature between 22- and 2300 degrees Fahrenheit. It's
9	being forged into a shape that represents the forging
10	itself. It's being heated so the material is pliable, and
11	the shape of the forging, just like the forging that I
12	brought with me there, already represents the same shape as
13	its final product. You've got about one-eighth of a
14	millimeterI mean one-eighth of an inch overage for
15	machining allowances. Other than that, it's the same shape.
16	After the forging process, there is a heat
17	treatment process that is part of the production process for
18	the in-scope products. Typically it would be a solution
19	annealing process, which means that the forging is being
20	solution-annealed or water quenched.
21	There it rapidly cools off and turns into this
22	gray looking forging thing on the table. After the heat
23	treatment process, the forging gets moved over to the
24	machining and drilling facility where the excess material
25	gets removed, and it gets machined to the dimensional

1	specifications as per ASME 16.5 specifications, including
2	the bolt holes, ID holes if necessary, some of the blind
3	flanges that don't have ID hole, but the bolt holes and
4	everything else, giving it the quote/unquote "shiny" finish
5	that you see on the table.
6	There is no additional coating necessary on these
7	in-scope products different than some of the carbon steel
8	products where you have a painting process. On stainless
9	steel you typically don't have that, not at our level.
10	After machining and drilling, you go to the
11	marking process. As you can see, each one of these finished
12	flanges that I brought with me all have external impression
13	marking on it. And the marking will specify the
14	manufacturer emblem, the nominal pipe size for the flange,
15	the pressure class, as well as material grade specification
16	and the very last is usually the heat number from the
17	original material from the mill.
18	After all this, we go to a final inspection
19	process where the inspector will again reconfirm that all
20	the criteria has been met, the dimensional criteria, the
21	material specifications, and that there are no faults,
22	visual faults, on it.
23	Then we proceed to a packing stage. Typically
24	the material gets packed onto regular freight pallets, or
25	wooden crates. And after the packing stage, we go to the

1	shipping stage where the customer either comes to pick it
2	up, or sends a freight line to come by to pick it up, and in
3	some instances in the local say Texas region we use our own
4	trucking abilities to deliver either directly to our
5	customer or directly to the end user by means of drop
6	shipping to the projects.
7	That concludes my production presentation. And
8	then I'll come over here(off microphone)
9	Alright, the purpose of bringing these flanges
10	and please feel free to look at them and give me any
11	questions. I just wanted to pick them up and kind of
12	explain to you. This is the billet that is cut as
13	prematerial. This is what we're saying our cost of this
14	piece (indicating), just the raw material cost is more than
15	some of the Indian imported flanges such as this
16	(indicating). If you take the weight of this piece and do
17	the math, the per weight, per kilo cost of this finished
18	flange coming into the U.S., including freight, packaging,
19	and everything, is less than the starting material cost of
20	us to make a flange domestically.
21	The semi-finished that also comes in, comes to
22	the converters, is something like this (indicating). It is
23	a forging that comes from the forging facility. They
24	machine it already in the low-cost country typically, and
25	takeso that you can see the shape is already the same

- shape. This is one of our domestically made flanges in
- 2 Houston. They will just take that semi-finished, add the
- 3 bolt holes. Typically it already has a ID hole machined in
- 4 it overseas. This one did not because my machine shop
- 5 didn't know to put a hole in it, but typically all machining
- 6 is done except the bolt holes. And then they sell it,
- 7 competing with my domestically produced flange in the U.S.
- 8 marketplace.
- 9 The flanges are interchangeable, meaning I can't
- 10 even--without looking at the markings exactly, I can't even
- 11 really tell them apart, right? Just setting it up here, we
- 12 had to look very close, what is which, and which goes on
- 13 what piece of paper.
- 14 The purpose of these is to join pipes together.
- 15 You have pipes that weld onto these ends, and you have bolts
- 16 that bolt the flanges together to do interconnection. You
- 17 can also have what is called a blind flange, which is like a
- 18 cap end. This is from Bebets, for example, and this is from
- 19 Boss, made in Houston, and they would also butt up together
- 20 because of the ASME standard. Everything is made to the
- 21 same dimensional standard. And they can be used
- interchangeably because of that.
- 23 So if you would like to look at these, they are
- very interchangeable. It is a commodity item. Very
- 25 difficult for somebody even like us in the industry to tell

- 1 apart. That's the reason I brought these, and please let me
- 2 know if you have any questions.
- MR. PICKARD: Great. This is Dan Pickard. What I
- 4 would like to do is just go through some of the legal
- 5 issues. And I think we can tick through some of these
- 6 pretty quickly.
- 7 (Slides are hereafter shown.)
- 8 So on our first slide--why don't I do it, or not-
- 9 -there we go. So I would just point out that there's a long
- 10 history as far as stainless steel flanges, especially as to
- 11 India. There was a case brought in 1994, two sunset
- 12 reviews. So the Commission has looked at this product and
- 13 this industry both domestically and India before, which can
- 14 always be helpful on any original investigation.
- 15 So first and foremost, as far as suggested
- 16 domestic like-product definition, we're suggesting domestic
- 17 like-product definition co-extensive with the scope. This
- is similar to the previous cases.
- 19 And I note that it doesn't appear that this is
- 20 contested by any party for the purpose of this
- 21 investigation. But obviously to the extent that there would
- 22 be questions about a possible alternative domestic
- 23 like-product definition, we'd be happy to brief it in the
- 24 postconference, provide you the six factor.
- 25 I think kind of one of the underlying issues that

2	the ASME spec. So that's what gives you kind of your bright
3	lines for sizes and qualities.
4	I would noteand this is more of a scope issue,
5	but this is going to come up later in regard to kind of
6	determining who is in the domestic industry. As you will
7	seeand I'll talk about it a little further in our scope
8	definitionfinishing operations don't change
9	country-of-origin.
10	So for purposes of what's in-scope, obviously
11	determinations by your sister company, but Chinese and
12	Indian unfinished products that are going to be finished
13	here will still remain subject merchandise.
14	In regard to one of the questions that's going to
15	pop up I would imagine is your traditional semi-finished
16	product analysis. We're suggesting one domestic
17	like-product definition. That includes the forgings, the
18	unfinished products. This is consistent with the 1994-95,
19	2005 case, and I would point out that the forgings are
20	entirely dedicated to the production of the downstream
21	product. But again, to the extent that it would be helpful

I would point out is our scope definition essentially tracks

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happy to do so.

as trying to determine who is going to be in the domestic

This is the issue that I tee'd up earlier as far

for us to fully brief this in the postconference, we're

1 industry. We are going to recommend that the ITC's injury analysis focuses primarily or exclusively on integrated 2. 3 producers. And that's in large part because of how the 4 scope is defined. And we're beginning to see more and more 5 of this in regard to scopes at the Department of Commerce 6 where the scope specifically provides in this case that the 7 country-of-origin for the products are where the item is forged. 8 9 So a Chinese-forged product, or an Indian-forged 10 product, even if it gets further machining in the United 11 States, is going to be in-scope. And Alex pointed something out, and I think this 12 13 may be an issue more for the final phase investigation, and 14 certainly it's not crucial to run it to ground for purposes 15 of the prelim, but you might have seen in the trade press 16 that our Petition was a little unusual in that it also 17 included, under the regulations of the Department of Commerce, you have to list where imports are coming from. 18 19 And also to the extent that you think they're being transshipped through another country. So traditionally--and 20 I know this isn't an ITC issue, but it may pop up in the 21 22 final--there are anti-circumvention concerns that are things we deal with at Commerce and with Customs. Here, there's 23 24 reason to believe that at least part of the Philippine data are actually Chinese-forged product that are getting 25

1	relatively minor machining. And we called this out in our
2	Petition.
3	Again, I don't think it's going to be
4	outcome-determinative for purposes of this prelim because,
5	as I talk about in my opening statement, with the Philippine
6	numbers in or the Philippine numbers out, and frankly we
7	don't know to what extent all of the Philippine, or what
8	percentage of the Philippine product is transshipped Chinese
9	product, but it may be an issue for the final.
10	There will almost definitely be a related-parties
11	issue. Again, I don't think that this is necessarily going
12	to be a run-to-ground infor purposes of the prelim, but to
13	the extent that converters would be deemed to be domestic
14	producers, a lot of them are going to be, or a significant
15	amount of them are going to be almost entirely dependent on
16	Chinese who are Indian product.
17	Some of them have relationships that will
18	probably be BPI in nature, with Chinese and Indian
19	producers, and this may not be limited to just finishers.
20	There's evidence that at least one integrated producer may
21	be subject to exclusion under the related-party provision.
22	And I would also note that this is something that
23	the Commission found was appropriate in 2005, and I believe
24	the previous investigations, that application of the
25	related-party provision was appropriate.

1	Cumulation I think is going to be very
2	straightforward for this case. There is well-documented
3	evidence, and I think the questionnaires are also very
4	supportive, including the importer questionnaires in regard
5	to interchangeability. There's strong evidence regarding
6	common or similar channels of distribution. And the
7	Petition lays out I think in a pretty thorough manner the
8	extent of geographic overlap and the fact that they're
9	simultaneously present.
10	Dr. Kaplan is going to talk in more depth
11	regarding some of the key conditions of competition, but
12	similar to really kind of tracking exactly what I said in my
13	opening statement, some of the most relevant conditions of
14	competition are going to be the fungibility of these
15	products; the fact that there was a period of decreased
16	demand over the three-year period, and kind of a flattening
17	of demand from the first half of 2016, first half of 2017.
18	It's going to be relevant and consistent with previous
19	Commission determination that most sales are to distributors
20	that tend to stock commodity-type products.
21	As I also indicated, subsidies are probably going
22	to have perhaps a larger role in this case than you see in
23	other ITC determinations. Obviously it's a Department of
24	Commerce issue, but it's also relevant for threat. And the
25	levels of subsidization hereand there's public information

Τ.	in regard to the revers of substituzation are certainly going
2	to be relevant in regard to the foreign producers' excess
3	capacity and export orientation.
4	So for 2017 we see that there's an increase in
5	imports. So the most recent and probative evidence of
6	injury shows an absolute increase of Chinese finished
7	flanges, Indian finished flanges, or Chinese and Indian
8	flanges combined.
9	Similarly, if you include forges and flangings,
10	you see an increase from 2016 to 2017 absolutely. This is
11	another just presentation of the fact that we're seeing a
12	surge in imports right now in 2017.
13	As imports have increased in 2017, there has
14	beenand this is from the official import statistics
15	decreases in their average unit values. And again this is
16	true if you groupif you look at just finished product
17	together, or finished and flanges togetherI'm sorry,
18	finished and forgings together.
19	So all of this is kind of pretty straightforward,
20	I think kind of classic ITC injury arguments. This is issue
21	is going to be a little different, however. And we would
22	point out for the Commission's determination that there was
23	a 3-3-7 in regard to the largest Chinese producer of
24	stainless steel flanges during the Period of Investigation.
25	And again I would point out this is one of those

_	issues that I don't think are necessarily
2	outcome-determinative for purposes of the prelim, but I
3	think it is safe to say that this issue will be raised in
4	any final phase investigation.
5	So basically Verrage is a stainless steel flange
6	producer in India. It was a particularly contentious
7	investigation. And just to be very frank, you don't
8	normally see this type of language, as I'm sure all the
9	staff are well aware, from Commission determinations where
10	they're explicitly saying that a company obstructed judicial
11	proceedings, destroyed evidence, and lied under oath.
12	Why I think it is going to be relevant is there's
13	reason to believe that the pending 337 investigation during
14	the three-year period may have distorting effects on the
15	three-year trend. It's not going to distort the evidence
16	for the interim periods for 2017 because we get a
17	significant increase absolutely or relative to market share
18	in 2017, but there is some reason to believe that Verrage
19	rushed in some imports during the pending 337 and the
20	sanctions determination which may have altered kind of the
21	traditional three-year period.
22	And it's public information that Verrage is
23	related to a company called Bebets, who is also an Indian
24	flange producer. And I would like to just tee up that that
25	Verrage-Rebets relationship and to the extent that Verrage

1	may be continuing to ship to the United States through
2	Bebets, may very well be and I would suggest is very likely
3	to be an issue in any final phase investigation.
4	Dr. Kaplan is going to talk more specifically
5	about the numbers, but the imports are significant. And
6	we're going to brief this a little bit also as to a legal
7	issue, really kind of following up on some of the language
8	in the Commission's determination in Narrow Woven Ribbons
9	when imports, just by their absolute nature are injurious in
10	regard to the three-year period.
11	And then again in 2017 where we're seeing that
12	not only are imports large absolutely and increasing
13	absolutely, but they're increasing their market share and
14	they're increasing relative to U.S. production.
15	In regard to the inelasticity of demands, I think
16	that's going to be relevant, and I think Dr. Kaplan is going
17	to follow up on this as well.
18	The under-selling data is extensive, and it
19	matches what we're seeing in the AUVs. We're seeing price
20	depression obviously of the U.S. producers' sales. And the
21	evidence of material injury I think is extremely strong,
22	regardless if you're looking at shipments, production, very,
23	very low capacity utilization rates, certainly injurious
24	levels of profitability, detrimental effects on capital
25	investment and injury due to the workers

1	MR. PICKARD: And then maybe to go quickly
2	through some of the FERC determination issues, clearly, this
3	is a vulnerable industry, especially if you take a look at
4	profitability levels.
5	There is a long history of Indian producers
6	surging in the market Indian stainless steel producers
7	surging in the market at low prices. Obviously, the
8	Commission is very well aware of the history of Chinese
9	steel producers and their ability to rapidly enter the U.S.
10	market and at prices. I would suggest the same thing's
11	happening in 2017.
12	There is significant evidence of excess capacity
13	in India and China. Excess capacity of steel in China, I'm
14	sure, is not a shocker for anybody in the room. The Indian
15	stainless steel flange capacity has consistently been found
16	very large. The Commission has previously found that the
17	Indian producers rely heavily on the U.S. product. I think
18	all of this is backed up by the questionnaire responses that
19	have been received to date.
20	History of underselling in regard to the
21	fungibility and the incentive for foreign producers to come
22	here. And I mentioned a couple of times, the level of
23	subsidization. So there are more than 50 allegations or 50
24	programs of subsidization by the Indian government and the
25	Chinese government I think what's kind of a truly shocking

1	number is there is objective public information that we will
2	include in our press conference brief that shows that the
3	Barrage Bebetz companies have received more than 300 million
4	Euros, which has got to be close to \$350 million of
5	subsidies from the Indian government in the past couple
6	years.
7	And then I would just kind of wrap-up. Clearly,
8	for purposes of a standard for the prelim, the American Lam
9	standard, more than a reasonable indication, right, all the
10	statutory factors as far as the increase in imports,
11	underselling, and harm to the domestic industry. And that
12	there's just as compelling a story in regard to threat based
13	off of, again, the interchangeability of the products, how
14	vulnerable this industry is, the excess foreign capacity,
15	the history of searches, which are re-occurring right now,
16	the history of underselling, which is also occurring during
17	the POI and the significant levels of subsidization.
18	So with that, I think I'll turn it over to Seth
19	Kaplan.
20	STATEMENT OF SETH KAPLAN
21	MR. KAPLAN: Good morning, it's Seth Kaplan of
22	International Economic Research here to discuss the economic
23	conditions in the stainless steel flange industry. I'm
24	going to look at presentation's divided into four parts,
25	looking at the conditions of competition, looking at injury,

- 1 looking at threat. And finally, if you're still awake, I'll 2 put some supply and demand curves up to put you to sleep. First, the conditions of competition. Subject 3 4 and domestic stainless steel flanges are highly 5 substitutable. They compete head to head. The demand for 6 the product is inelastic. There are no good substitutes for 7 stainless steel flanges. They represent a very small share of the products they are ultimately used in refineries. So 8 9 if you think of refineries, you could think of the piping. 10 And this is a small share of that. And there's nothing else you could use. 11 So just as an aside to the economist, this is a 12 case where you know, the demand elasticity is likely to be 13 14 close to 0.1, .2 given its cost of share and its lack of substitutes. 15 16 In terms of substitutability, as you've seen, 17 it's all to a consistent standard. So the substitution elasticity would be quite high. And as been discussed by 18
- 21 The Commission has found this in the past. In 22 the '94 opinion, they said they are essentially a fungible 23 commodity. They're produced to a common standard. They use 24 the same grades of steel. And the producer and importer 25 questionnaires certify the high degree of substitutability.

the two previous witnesses, demand has declined over the

19

20

POI.

- 1 There's really no question that this is the case.
- With respect to head to head competition, all
- 3 purchaser questionnaire respondents rank price as critical
- 4 and important. Subject imports in the domestic product have
- 5 similar channels of distribution. They have the same
- 6 distributors. They have the same end uses. They have the
- 7 same end users. They compete head to head.
- 8 Demand is inelastic. As I noted earlier,
- 9 there's no practical substitutes. The Commission found in
- 10 1994 that the flanges is relatively inelastic. I would make
- 11 a stronger statement and I would say they're absolutely
- inelastic. They're really inelastic.
- 13 Purchasers would be reasonably insensitive to
- 14 price changes for stainless steel products. And once again,
- 15 you're building a refinery. And this is a small part of a
- 16 small part of the refinery costs with no substitutes.
- 17 Demand is falling. If you squint, you could tell that
- demand is declining both over the three year period and it's
- 19 relatively flat and declining in the interim period.
- 20 MR. BISHOP: They have hard copies in front of
- 21 them.
- 22 MR. KAPLAN: Here we go. As you could see, if
- 23 you squint, turn your head sideways, and imagine two lines,
- or look at your handout, you could see that global capital
- 25 expenditures on oil and national gas refining have really

1	significantly declined. And this is a major end use of
2	stainless steel flanges.
3	Crude oil prices have also declined
4	significantly as you could see on slide 10. And natural gas
5	prices have declined. So you'll note in the Commission's
6	last opinion, they talked about being related to natural gas
7	and oil prices. Even a more direct measure is the
8	refineries. And all three are consistent with declining
9	demand, which is consistent with the apparent domestic
10	consumption you'll see on your record.
11	Now let me turn to injury. If you take a look
12	at slide 13, you'll see that subject imports increased
13	during the interim period, that their share of domestic
14	production volume increased during the interim period, and
15	their share of apparent domestic consumption increased.
16	Note that the last two do not have markings on
17	the vertical axis. These are meant to be indicative, but
18	they do show the direction of change. And the direction of
19	change is an increase.
20	The next slide shows that the volume and share
21	of subject imports are significant. And I think this is
22	very important as an economic matter. The statute speaks to
23	whether the volume of imports or the increase in that volume
24	is significant absolutely relative to production and
25	relative to consumption

1	I would say in this investigation, you could
2	look at the volume of imports out of context of its changes
3	And they're just so large. The absolute volume, the import
4	penetration relative to consumption, and the import share
5	relative to production, that the overhang of the market of
6	such high volumes is significant in this industry,
7	especially given the conditions of competition of the
8	inelasticity of demand, the high substitutability among the
9	products, and certainly in the context of the vulnerability
10	of this industry has been demonstrated by the financial
11	condition and the change in capacity utilization, which I
12	asked you to look at closely.
13	For purposes of calculating market share, the
14	Commission has some choices, but I think based on the scope
15	if you look at the next slide, I think this is the
16	appropriate way to calculate market share. And it's at the
17	top. It's domestic forging and flanging forging and
18	finishing integrated operations that is constitute
19	domestic producers.
20	And so, that if you compare it to second slide,
21	the second slide has finishers as part of the domestic
22	industry. The first slide does not have finishers as part
23	of the domestic industry because their product is an
24	imported product based on the location of production of the
2.5	semi-finished flange or the unfinished flange. That's what

1	carries the country of origin.
2	So if that is the case, the top one is correct.
3	If you decide to include finishers in the domestic industry
4	and finishers in the denominator, you'll end up double
5	counting because every unfinished or semi^^finished flange
6	that comes in, its only use is to finish it in the United
7	States. So if you count it as an import, you're going to
8	necessarily count it as a domestic product if you count
9	finishers and you'll double count.
10	You could alternatively just look at finished
11	product and count the just finishing operations from imports
12	as part of the domestic industry as you see in the third
13	example. That leaves imported unfinished flanges out of the
14	denominator. So you don't double count, but it then places
15	the imports as part of the domestic industry, because all
16	the value added in the location would now be in the
17	finisher, the second element of the representation in the
18	third example.
19	So I want you to note that any of these will
20	yield the same results in the statutory context. They're
21	still absolutely significant. They're still increasing
22	relative to production and consumption, but at a lower level
23	if you count domestic finishers.
2.4	But if you count the origin of the

semi^^finished flange, or the unfinished flange as the

25

1	country of origin, then finishers should not be part of the
2	domestic industry for purposes of calculating market share.
3	So I wanted to raise this issue with you. You
4	know, you're going be struggling with it, but I think this
5	will give you an outline. It'll show you when you're going
6	to be double counting things.
7	The next slide looks at it in the context of
8	import penetration. And we believe that import penetration,
9	the numerator, in the next slide would be finished flanges
10	that are imported and finished flanges made from imported
11	semi^^finished or unfinished flanges, which are equal to
12	imported forgings, because the only use for them is to make
13	a finished flange. So all the imports of the semi and
14	unfinished are finished in the United States to become a
15	finished flange. That finished flange we argue is an
16	import. And that's why I have it in the numerator.
17	The second example shows just looking at
18	finished flanges in the United States, whether from U.S.
19	forgings or imported forgings, and then in the numerator,
20	putting the domestic produced product and the imported
21	finished product. Once again, that's going to double count.
22	Now let me turn to pricing. What you could see
23	from the chart in pricing is pretty clear. The imports, the
24	combined pricing, which is the dotted line, is well below
25	the price of the non^^subject imports. As you could see,

1	the red line is the Indian imports. They're the lowest
2	priced in the market. They're the largest in the market and
3	they have fallen continuously, despite declining demand to
4	their prices are falling.
5	You'll also note from looking at the under
6	selling data that there is significant and extremely large
7	margins of underselling that are consistent with the AUVs.
8	So we have the volume effect. We have the
9	increased volume effect, both of which are significant. We
10	have underselling both in the context of AUVs and in the
11	context of head to head comparisons in the staff report. We
12	have price suppression as prices could not rise and clear
13	depression as prices were caused to fall by the
14	underselling.
15	The next slide shows the negative impact as we
16	look at the effects. These are available when you put your
17	staff report together. But with respect to the domestic
18	industry, their output has fallen. Their capacity
19	utilization has fallen. Their sales have fallen. Their
20	shipments have fallen. Their market share have fallen. And
21	with respect to the financial indicia, the return on
22	investment is down. Their cash flow is down. Their profits
23	are down no matter how you measure them. Gross profits,
24	operating profits, net profits.
25	Their margins are down, the gross margin, the

- 1 operating margin, the net margin. Their ability to raise capital had been hindered. Their investment's been 2. hindered. Their growth has been hindered. And other 3 4 factors affecting prices and dumping margins affecting the financial indicia also indicate injury. 5 6 With respect to employment, their total 7 employees are down. The hours worked are down. The wages, the total wages are down. All of these show an industry 8 9 that is injured by imports. 10 When we turn to threat, and the threat factors are all met in this case. There is significant excess and 11 divertible capacity in the subject countries. Their market 12 13 penetration has increased over the interim period and 14 there's likely to be further increases, given that the size 15 of the U.S. refinery market, the decline in refinery and 16 other locations, and the importance of the United States as 17 a flange consumer. The imports have already caused price depression 18 19 and suppression. There is no reason, given the margins and underselling and their increases to consider that would 20 21 change.
- I'll discuss inventories in the post conference
  brief. There is potential for product shifting. I would
  ask you to look at the questionnaires of the foreign
  producers and the domestic producers. These machinery and

1	equipment could be used to make out of scope and non^^like
2	product merchandise.
3	Information regarding the counter available
4	subsidies and the size of the counter available subsidies
5	has already been provided and it will be provided in great
6	detail. The magnitude of these are extreme even by the
7	Commission's standards of seeing large subsidy rates. And
8	finally, there are other adverse trends we will discuss in
9	our post-hearing brief.
10	Discussing the excess and divertible capacity,
11	we looked at Chinese exports and Indian exports. And what
12	you see only a small share of Chinese imports are entering
13	the United States. And only a relatively small share of
14	Indian exports are entering the United States. 23 percent,
15	30 percent, and 25 percent as shown. The combines are
16	small. There is a lot of divertible capacity, not only
17	counting the excess capacity you will see in the
18	questionnaire responses from the subject producer. There
19	are no shortage of dumped and subsidized flanges that come
20	into the United States. And there's every reason
21	considering the threat factors that they will.
22	The next slide is a graph of the table that you
23	saw just putting it in another context.
24	So now let me turn to an economic analysis. And
25	I want to make two points in the economic analysis. The

1	first is is that, but for the unfair imports, the domestic
2	industry would be materially improved. This is a textbook
3	comparative statics exercise that shows that the effects
4	would be enormous in a positive sense if you do a but for
5	exercise. And then looking at the other way, it shows the
6	massive injury that's caused.
7	Demand is inelastic, meaning that every import
8	that comes in takes away a sale from a domestic producer or
9	a non^subject producer. Substitutability is high, meaning
10	that there is no other alternative product that's going to
11	be used. It's a one-for-one substitution. The subject
12	import market share is very high, meaning that any
13	correction to that share will have large benefit of
14	beneficial effects on the smaller domestic industry which
15	has excess capacity.
16	The alleged margins are high, meaning that if
17	the duties were put in place, there would be a significant
18	shift of demand to domestic producers. And there's evidence
19	of significant subsidization, which also shows that those
20	margins are put in place.
21	So under these conditions of competition, the
22	stainless steel flanges Industry, the effects of unfair
23	trade are material. And the effects of remediating that
24	unfair trade would be a material benefit. This fits with
25	the notion that the absolute volume of imports is injurious

1	whether you look at the increase or not. I can't say that
2	in any stronger terms. I think the staff should note that
3	in the staff report that that is the my economic opinion
4	and that is the legal opinion that we think the absolute
5	volumes even without the increase we've seen in the interim
6	period, are injurious in this investigation given the
7	underselling, given the large volumes, given the decline in
8	demand that makes the industry vulnerable.
9	Now let me turn to some supply and demand curves
10	and explain why with declining demand the domestic industry
11	should actually be picking up share and they're not.
12	So this is the situation where you see the
13	domestic industry supplying up to the price of the imports.
14	And they have this much sales. The imports supply at this
15	price till it reaches domestic demand. So here's the
16	domestic start. And here's the import start at that price.
17	When demand declines, when that demand shift
18	occurs and demand declines, you're going to have less in the
19	total market. You've seen that, right? The market shrinks.
20	That's what you've seen in this investigation.
21	In a normal set of circumstances with and
22	this is assuming perfect substitutability, but very high
23	substitutability is close, that you should see all of the
24	adjustment from the demand shift should occur with the
25	subject imports Domestic stays the same Subject imports

- 1 decline. The market gets smaller. Domestic share
- 2 increases.
- 3 That is not what you've seen. You've seen
- 4 domestic sales decrease. You've seen import share increase
- 5 over the interim period. Why is that? Dumping, dumping
- 6 lowers the price. And so, instead of the U.S. producer
- 7 retaining this share that he had before, the price falls and
- 8 the U.S. producer moves down the supply curve and suffers a
- 9 decline in shipments.
- 10 What about on the other side from the dumping?
- 11 Well, that makes the price of the import cheaper. So in the
- original decline and demand, you saw the -- there's the
- 13 original decline. You saw the share of the volume of
- 14 imports fall, fall from there to there. And what happens
- with the dumping? It gets some of it back.
- 16 The demand decline should have caused a much
- 17 larger decline in the imports, but the dumping makes up for
- 18 some of that. So instead of saying with declining demand
- 19 the U.S. industry holding its own, and gaining share, you
- see the U.S. industry losing sales and either holding its
- 21 share or losing share.
- 22 So the evidence in this case, where all agree
- 23 that demand is declining, indicates injurious effects of
- 24 imports. So look at it in the context of dumping and
- 25 declining demand we see injury. In the context of the

1	absolute volume of imports given the dumping margins, the
2	substitution demand elasticity, we see injury. And looking
3	at a classic trends analysis during the interim periods, we
4	see injury.
5	That concludes my presentation. I'd be happy to
6	answer questions.
7	MR. ANDERSON: Thank you all for your
8	presentation and for being here today. It's been very
9	helpful and we'd now like to move into questions for our
10	staff and let's start with our investigators, Mr. Enck.
11	MR. ENCK: Good morning and thank you for coming
12	to answer our questions and giving the presentation.
13	So Mr. Pickard and Dr. Kaplan stated that
14	subject flanges are interchangeable with the domestic
15	product; is that true of non-subject imports, Canada in
16	particular, or do they serve different markets?
17	DR. KAPLAN: Mr. Maass is the market expert. I
18	could add information later, but I don't want to
19	MR. MAASS: I didn't hear the last part of your
20	question. Non-subject, such as Canada, you said?
21	MR. ENCK: Non-subject imports of stainless
22	steel flanges from non-subject countries, Canada, in
23	particular, are they interchangeable?
24	MR. MAASS: Yes.
25	MR. ENCK: Do they compete in the same market?

1		MR	. MAASS:	•	Yes.	Yes,	all	cons	sidered	to be	,
2	more or	less,	equal.	In	fact,	some	of	the	flanges	that	I

- 3 brought there with me, one of which just happened to be from
- 4 Italy. I just had it available. There's no other reason
- 5 why I brought one from Italy, but they are fully
- 6 interchangeable and you can't even tell them apart putting
- 7 them on the pieces of paper, so Canada go along with that
- 8 same answer.
- 9 MR. ENCK: Okay, thank you.
- 10 DR. KAPLAN: I'd like to add, as a physical
- 11 matter, they're interchangeable. There are market
- 12 conditions that make them a commodity-like product, but not
- a pure commodity product like a metal. So they're highly
- 14 substitutable and I would characterize them as
- 15 commodity-like.
- 16 MR. ENCK: Okay, you mentioned the Limited
- 17 Exclusion Order and Cease and Desist Order against Varage.
- Now do those Orders also apply to Bebetz?
- 19 MR. PICKARD: To the best of my knowledge, no,
- 20 and I have a feeling we're going to end up briefing, for the
- 21 first time in my career, 337, in an anti-dumping case to a
- 22 certain extent. But there is a significant amount of
- 23 evidence that a lot of the Varage product is coming through
- 24 Bebetz.
- 25 I don't know if you would like some information

- about that now or if you would prefer to get it in our
- post-conference brief.
- 3 MR. ENCK: Post-conference brief is fine. So it
- 4 looks like your theory of decline in demand is based on the
- 5 oil and gas industry; is that correct?
- 6 DR. KAPLAN: Refining is a significant end use
- of this product. I think you could look at it kind of from
- 8 both directions. Your apparent domestic consumption data
- 9 will show a significant decline over the period of
- 10 investigation with prices falling, which is consistent with
- 11 declining demand in the market. And when you look at the
- 12 end uses directly, in this case we looked at refining and
- oil and gas prices, that's consistent with your apparent
- 14 domestic consumption data. We could provide, if you'd
- like, information on other end uses.
- 16 You've had many cases of a pulp and paper
- industry before you, as we move to computers, that there's
- less paper being used and that's a process industry as well.
- 19 So the data showed decline in demand and the drivers are
- 20 consistent with that explanation.
- 21 MR. ENCK: Okay. Yes, I think I would be
- 22 interested in any additional information. I think we
- 23 mentioned defense applications, even pharmaceutical
- 24 applications, those end markets and the share of the market
- 25 that they account for and trends that we see in those.

1	MR. PICKARD: We'll put that information
2	together for you in the post-conference brief. It's my
3	understanding that refining and petro-chemical industry are
4	a very large share of the end use and I would ask you to
5	look at the locations of the domestic producers in this
6	investigation and I think that's consistent with my
7	statement.
8	MR. ENCK: So based on the record, it looks like
9	there are some out-of-scope products coming in under the two
10	primary HGS numbers that we rely upon. I think that they
11	are the large and small flanges as defined in the scope,
12	those that fall outside of that. Are there any other
13	products that might enter?
14	MR. PICHARD: Not that I know of, and to the
15	best of our knowledge, the out-of-scope that are captured in
16	those HGS numbers the HGS numbers are pretty clean and to
17	the extent that there would be non-scope in there are
18	probably single-digit percentages.
19	MR. ENCK: Okay, thank you. Okay, that's all I
20	have for right now.
21	MR. ANDERSON: Okay, I'll turn the microphone
22	over to our other investigator, Amanda Lawrence, but just a
23	reminder, if you could state your name before you speak for
24	the reporter. Even though he's right there, it makes the
25	transcribing a lot easier for them. Thank you.

1	MS. LAWRENCE: Okay, thank you. Are you aware
2	of any anti-dumping or countervailing duty orders on the
3	subject product from China or India in third country
4	markets?
5	MR. PICKARD: No, I'm not.
6	MS. LAWRENCE: Okay, thank you. And then also,
7	in reviewing the import data that was provided in the
8	petition, I notice there is a decline in imports from both
9	China and India from 2014 to 2016 and this is both in the
10	forges and the finished product. Can you comment on the
11	decline prior for the three years leading up to 2017?
12	MR. PICKARD: Yes, I've got a couple of
13	different comments about that. So under the ITC's kind of
14	traditional trend analysis, I would say it looks at the
15	three-year period and it looks at the interim period. And
16	it's our position that the interim period is probably most
17	probative in regard to the preliminary determination and in
18	that case we see an absolute increase and a relative
19	increase, but it's true the HGS numbers show a decrease from
20	2014 to 2016, looking at the three-year period.
21	And certainly, part of that is a function of
22	demand, but what we see is even in a period of declining
23	demand subject imports maintain a very large presence,
24	absolutely, and a large presence by share that consistent
25	with the statute that absolute present, it's our position,

1 should be deemed to amount to material injury. And I have a feeling Dr. Kaplan might follow up on this, but this is one 2. of the questions and we don't think that the ITC 3 4 necessarily has to fundamentally change their approach to reach an affirmative determination in this case, right? 5 6 Under the most traditional trend analysis, you see an 7 increase in 2017 as compared to 2016 absolutely by market share. That is the most kind of traditional ITC analysis 8 9 that I'm aware of. 10 We would point -- and this is one of the things that we were talking about in preparation for the hearing 11 that there's a couple of different ways of looking at this 12 13 and I think one of the problems with the trend analysis, 14 especially in regard to just kind of taking a look at a decrease in absolute numbers. And this is a little 15 16 simplistic, but I think it's kind of encapsulates our concern. If I stole \$10,000 from you two years ago -- and I 17 think we would all agree that that would be injurious -- and 18 19 I told \$10,000 from you last year, I think everybody would agree that would be injurious; but if I only stole \$9,000 20 21 from you this year, under a trends analysis, there's a 22 chance that that can get lost. And I would submit if you took \$9,000 from me this year, even though it's less than 23 24 how much somebody stole from me the year before, it would 25 still be injurious.

1	DR. KAPLAN: I'm going to be a little less
2	theoretical. One of the things we'll look at in the
3	post-hearing is we're going to look at the monthly data from
4	India with respect to the Exclusion Order and how that might
5	have affected imports during 2016 and then look at the
6	market share in 2017 when that disruption may have been
7	alleviated. So if you note, you will see share numbers in
8	2017 that are high and increasing and consistent with the
9	high levels of shares during the three years of the POI,
10	other than the third year, which is still quite high.
11	So I made my remarks earlier about why they're
12	injured based on economic theory. I think that from a
13	trends analysis the interim data is overwhelming with
14	respect to the movements in volume. I think that price
15	factors throughout the whole investigation, that the
16	underselling was significant, and on the pricing alone that
17	supports what happened with the affects that you see in the
18	domestic industry that were in poor health throughout the
19	period of investigation. This industry was injured for
20	three and a half years of your three and half year record,
21	so you could look at the trends and say I see what's
22	happened in the interim period and you have a full half
23	year, which is more than enough of an economic matter and a
24	historical matter at the Commission to reach an affirmative
25	finding But you see a case here where they're injured in

- each and every period, all full three years and one half
- 2 year, given the conditions in the high level of imports.
- 3 So I hope that's helpful.
- 4 MS. LAWRENCE: Yes, thank you. That's all my
- 5 questions.
- 6 MR. ANDERSON: Thank you very much and Ms.
- 7 McNamara.
- 8 MS. MCNAMARA: I also want to thank you all for
- 9 coming and doing this presentation. It's always very
- 10 helpful for us to have you come here.
- 11 First of all, with respect to domestic-like
- 12 product, if you could -- Mr. Pickard, if you could run
- through the semi-finished analysis in your post-conference
- 14 brief that would be helpful.
- MR. PICKARD: We'll be happy to do so.
- 16 MS. MCNAMARA: Great. And then I just want to
- 17 talk a little bit about the size exclusion, and you
- 18 mentioned that there were bright line dividing this based on
- 19 the -- did you say the ASME Standard? Okay, can you
- 20 elaborate on that a little bit?
- MR. PICKARD: Sure. Would you like us to do
- that now or in the post-conference brief?
- MS. MCNAMARA: Either way. If you want to do it
- in the post-conference, that's fine. I would just say that
- 25 it might be helpful to run through the factors the

- 1 Commission typically considers. In other words, if the
- 2 Commission were to consider whether to expand the
- 3 domestic-like product beyond those -- that scope exclusion,
- 4 it would be helpful to understand why you chose that scope
- 5 and to turn through the traditional factors. I think that
- 6 would be useful.
- 7 MR. PICKARD: Sure. Why don't I nutshell it for
- 8 you right now and then we'll do the full six factor.
- 9 So the ASME Standard goes from half inch to
- 10 24-hinch, so that's kind of the objective standard. That
- were we came up with the bright line, but we'll walk you
- through kind of different employees, different production
- processes, and we'll be happy to do that in the
- 14 post-conference brief because that'll also allow us to
- share some business proprietary information.
- 16 MS. MCNAMARA: Great, thank you very much. That
- 17 would be helpful.
- Now with respect to the domestic industry, if I
- 19 understand it, you want to define the domestic industry as
- 20 integrated producers and not the finishers or converters; is
- 21 that correct?
- 22 MR. PICKARD: In a nutshell, again yes, I think
- 23 that's most appropriate because of how the scope is drafted.
- 24 So to the extent that you've got converters who are taking
- 25 subject merchandise, in this case, they're further finishing

1	operations would still be subject to the scope of the case.
2	MS. MCNAMARA: Right. And it would also be
3	so that I can understand it, if you could lay that out in
4	your post-conference brief that would be helpful, but if you
5	could also address the factors the Commission considers in
6	sufficient production-related activities that would be very
7	helpful too.
8	MR. PICKARD: Sure. We'll run through that.
9	And the only follow up I would say and I think it becomes
10	kind of a two-pronged question, right, that even if under
11	the Commission's traditional analysis regarding whether it's
12	a sufficient production-related activity to rise to the
13	level of being a domestic producer then I think there's
14	going to be several of those producers should they be deemed
15	to be U.S. producers who are going to have issues under the
16	Related Parties provision.
17	MS. MCNAMARA: Right. And if you could brief
18	that as well that would be very useful.
19	Now I know you were talking about the
20	interchangeability and saying that they were fungible, the
21	subject imports of the domestic-like product. Are there any
22	factors that limit substitutability?
23	MR. PICKARD: I'll start. None that come to

mind, considering that they're made to the exact same

specifications, right, that these are commodity products.

24

- 1 And by definition, if they're being made to the same
- 2 specifications for the same purposes and the same end uses,
- I would say that's about as interchangeable as you're going
- 4 to get. And I would also suggest that that's fully
- 5 consistent with the Commission's previous findings in regard
- 6 to this product.
- 7 MS. MCNAMARA: If I understand Mr. Maass's
- 8 presentation, you mentioned customer specifications. Is
- 9 that something that's different than the standard
- 10 specifications that go in?
- 11 MR. MAASS: The customer specifications would be
- items that would be out-of-scope. They would be specialized
- 13 flanges that would probably not be up to the AMSE standard,
- 14 somebody that wants something by a drawing or things like
- 15 that. We also do that, but that's out-of-scope.
- 16 MS. MCNAMARA: And there was also, I think, a
- mention of approval list. Can you explain how that plays
- 18 out in the market?
- 19 MR. MAASS: Approval lists, they should be seen
- 20 as not in the sense as only approvals, but a guideline for
- 21 the purchasing thereof -- of products, of flanges. And as I
- 22 had mentioned in my statement, yes, there is an approval
- 23 list -- not a approval list. There are many different
- 24 approval lists by many different end users that are out
- 25 there. They are used as a guide for the purchasing

1	department or departments. They are used to extent that it
2	is a preferred product list. And based on pricing and
3	availability, they always deviate from those lists. So if
4	you have a product available that is available at the same
5	price as a import non-approved product or just as a product
6	that is not on the AML list, then their preferred method
7	would be to go and buy the product that is made by an
8	approved vendor. If the price is less from a non-approved,
9	considerably less, then they many times deviates from their
10	approved vendors list. So that's usually how it functions.
11	MR. PICKARD: If I could just follow up kind of
12	quickly on that, and I think what Alex said in his testimony
13	there were just maybe three follow-up points is, first, to
14	just kind of highlight the fact that the vast majority of
15	sales in the marketplace are controlled by an approved
16	vendor list. By at least one estimation, at least 75
17	percent or more are not approved.
18	And then it was interesting when we were
19	preparing for the hearing that it became clear that the
20	approved list has a tendency of being more a preferred list
21	rather than an approved list in that if there's enough of a
22	price difference if imports are low enough, that people
23	will buy from non-approved vendors.
24	And then the last thing I would just throw on
25	quickly is not only are there and this might not always

- 1 be immediately apparent -- Chinese and Indian companies that
- are on the approved list, but on top of that you have U.S.
- 3 finishers who use Indian and Chinese flanges and those
- 4 finishers are on the approved list.
- DR. KAPLAN: I'd like to add one more comment to
- 6 that, and that was when Mr. Maass and Mr. Pickard spoke
- 7 about the price differential overcoming the approval that's
- 8 the type of thing that makes this product commodity-like and
- 9 not commodity. So I just wanted to emphasis that so that
- 10 there's several things that will kind of drive a wedge
- 11 between a pure commodity and that one of them is this
- 12 approval list where -- which is really a preferred that's
- overcome by a steep enough discount.
- 14 The second, it was discussed by Mr. Maass in
- 15 that since there are a lot of skews there is occasionally
- 16 availability issues. You know if you think of a commodity
- 17 there typically are not many, many, many skews. There's a
- 18 couple different grades of whatever chemical or metal there
- 19 is. Here there's a lot of skews. So while it is -- they
- 20 are all identical to each other, it kind of moves it from
- 21 the commodity to the kind of commodity-like thing.
- 22 So I discussed availability. We discussed
- 23 lists. And then there's also a preference among some end
- 24 users to multiple source and so that would create a
- 25 potentially a commodity-like situation and move it away from

1	the commodity there. So those are three different reasons I
2	wouldn't characterize this product as a commodity, but
3	nonetheless, a highly substitutable and price sensitive.
4	MS. MCNAMARA: What about Buy American policies?
5	Do they come into play oh, I'm so sorry, you go ahead.
6	MR. COOK: David Cook with Maass Flange. In a
7	nutshell, to put it in summary, the approval list used to
8	mean something years ago to us and we benefited from that.
9	But now that a lot of the users have put Chinese and Indian
10	manufacturers on that approval list, it doesn't mean that
11	much anymore.
12	MS. MCNAMARA: Thank you. What about Buy
13	American policies? Do they have any role in this market?
14	MR. MAASS: Alex Maass. The Buy American that
15	we see is almost nothing. And we would have to quantify
16	that gut feel would put it at 2%.
17	MS. MCNAMARA: Now, I know we've talked a little
18	bit about the cumulation in the petition and in your
19	presentation today. But if there's any additional
20	information that you could add from the record in these
21	proceedings, that would be helpful for the factors.
22	MR. PICKARD: Dan Pickard, again for the record,
23	we'll include that in our post-conference brief.
24	MS. MCNAMARA: Now I want to talk a little bit

about decline in demand. And I know that you were talking

- 1 about addressing that some in the post-conference brief.
- 2 But if you could also brief and lay out why the Commission,
- 3 how the Commission can assure that it's not attributing any
- 4 injury to the decline in demand. That would be really
- 5 helpful, too.
- 6 And then I also want to talk about the interim
- 7 periods and if you could -- first of all, I want to ask
- 8 about -- are there any -- because this is looking at a
- 9 six-month snapshot and another six-month snap-shot, as
- 10 opposed to full-year data -- is there anything, any business
- 11 cycles, any cyclical components here that might call into
- 12 question the reliance on the beginning of the year?
- 13 MR. PICKARD: Dan Pickard. I don't believe so.
- 14 MS. MCNAMARA: Okay. And if you could also
- explain what was going on 2017. And I know you talked about
- 16 the 337, if you could lay that out in the post-conference
- 17 brief, that would be helpful. And anything else.
- 18 MR. PICKARD: Happy to do so.
- 19 MS. MCNAMARA: And if you could also look at --
- 20 and this is something, you know, to probably address in your
- 21 post-conference, but if there's a correlation within the
- 22 three full-year periods, if we see a decline in the volume
- of imports? And then in 2017, it's higher than it is in
- 24 2016. Does that correlate with the domestic industry's
- 25 injury?

- 1 MR. PICKARD: Dan Pickard. Again, we'll be
- 2 happy to do so.
- 3 MS. MCNAMARA: Great, thank you. Again, there's
- 4 been some discussion about the AUVs and the comparisons of
- 5 the AUVs of subject imports and the domestic industries. Is
- 6 there any product mix issues that were called into question?
- 7 MR. PICKARD: I think there's always the
- 8 potential for product mix issues with AUVs. I think they're
- 9 helpful in that they confirm also what you're seeing in the
- 10 underselling data. The Chinese imports are lower-priced
- 11 than the U.S.-produced product, and it confirms decreases in
- 12 price depression for the U.S. producers.
- 13 DR. KAPLAN: Seth Kaplan. Once again, if you
- 14 take a look at the nonsubject import prices, they're higher
- than both the subject producers. And I think that
- 16 information is useful from the causation perspective and I
- 17 think that information is useful from the commodity versus
- 18 commodity like perspective. I think that kind of goes to
- 19 both of those points.
- MS. MCNAMARA: Okay. If, in your
- 21 post-conference brief, if there's any more information that
- 22 you could add from these proceedings to the threat analysis.
- 23 I know that you went through it in yours. If you could put
- that laid out in your brief, that would be very helpful.
- 25 And that's all I have for right now. Thanks.

1	MS. VON KESSLER: H1, everyone. Thank you for
2	being here this morning. We've talked a lot about demand
3	and interchangeability, so I'll kind of move on. First I'll
4	ask, how do you typically purchase your raw materials?
5	Through spot market or contracts?
6	MR. MAASS: Yeah, this is Alex Maass. We
7	purchase our raw material can I disclose that in our
8	post-conference brief? I think it would
9	MS. VON KESSLER: Of course.
10	MR. MAASS: be more appropriate. Yeah.
11	MS. VON KESSLER: Of course.
12	MR. MAASS: Thank you.
13	MS. VON KESSLER: And if it's more appropriate
14	for the post-conference brief, too any description of how
15	changes in the raw material costs affect the price of
16	flanges, and if you're at all able to pass that through to
17	customers?
18	MR. MAASS: I would be very glad to put that in
19	the post-conference brief.
20	MS. VON KESSLER: Great. Thank you. Does the
21	price of the flange vary based on the thickness of the pipe
22	that's going to be used? Such as I've seen a mention of
23	a Schedule 10, 40, 80 or 160.
24	MR. MAASS: That's a very good question. Alex

Maass again. And when you mention pipe, the pipe pricing --

1	we're not talking about pipe here, we're talking about
2	flanges, correct?
3	MS. VON KESSLER: Yes.
4	MR. MAASS: I want to be very clear so there's
5	no confusion. Pipe is priced based on wall thickness or
6	schedule, because it severely impacts the weight of the
7	pipe. Just the way the pipe is made, whether it's welded
8	or, you know, extruded. And the amount of weight represents
9	the amount of input weight, which in turn requires the
10	amount of steel that goes into the pipe manufacturing. So
11	there's a direct one-to-one correlation between pipe
12	wall-thickness and pipe pricing, which is very logical.
13	With our flanges, if you look at some of the
14	flanges that are laying here on this end, the blind flange,
15	which is just a disk with no hole in it, the nominal pipe
16	thickness is irrelevant because there is no pipe that butts
17	up to it. It butts up to another flange. So the answer for
18	the product would be 100,000% no.
19	The next flanges that are laying there, whether
20	it's a slip-on or a socket weld, the same thing applies
21	because the pipe slides into the flange and you can have any
22	wall thickness sliding into it, so the answer would be
23	affirmative, 100% no, would not affect it. And then you
24	have the welding neck flanges, the flanges with the neck
25	coming up, the taller pieces. There you could say that the

1	wall thickness does come into context, but if you look at
2	the forging or the semi-finished flange that you see there,
3	it doesn't even have a hole drilled into it yet.
4	So the amount of weight to manufacture these
5	flanges stays the same. The cost basis to make a thin-wall,
6	as well as a thick-wall, from a manufacturing point of view,
7	is the same. And the wall thickness would not play a
8	factor.
9	If anything, logically thinking, the thinner the
10	wall, the less material you'll have, it should be less
11	expensive. That would be pipe reasoning. But in our
12	reasoning, we have more machining time to spend to machine
13	the thinner wall thickness, so we have more effort put into
14	it, so technically from a costing point of view, the
15	thin-wall flange should cost more than the thicker-wall
16	flange which requires less machining. But from a pricing
17	market point of view, it's not accepted. So there's one
18	price for pretty much any wall thickness there is.
19	MS. VON KESSLER: Great, that's really helpful.
20	Thank you. And my last question is more kind of on current
21	events. Did Hurricane Harvey, since you guys are in
22	Houston, impact your production facilities at all?
23	MR. MAASS: We got very lucky and had no impact
24	from Hurricane Harvey with the exception of about two and a
25	half days of lost productivity or reduced productivity

- 1 because of that. People getting flooded and not making it
- 2 to work.
- 3 MS. VON KESSLER: Right. Okay. And to the
- 4 extent possible -- I know it's very soon to tell, any impact
- 5 on demand in the region since there's a lot of refineries?
- 6 If you could describe that in a post-conference, if you have
- 7 any information, would be helpful.
- 8 MR. PICKARD: We'll be happy to do so.
- 9 MS. VON KESSLER: That's all I have.
- 10 MR. ANDERSON: Thank you. Now, Mr. Boyland.
- 11 MR. BOYLAND: Good morning. Thank you for your
- 12 testimony. I've sent the company follow-up questions. I
- appreciate your time answering those. And I'm gonna try not
- 14 to overlap here. A lot of questions that I was gonna ask
- 15 have already been asked.
- 16 So, I guess one question was, with respect to
- 17 unfinished flanges, you sell those as well commercially?
- 18 The focus here has been the finished flange. But could you
- talk a little bit about the unfinished flange?
- MR. MAASS: Your question is, do we sell
- 21 unfinished flanges to machine shops? Converters?
- MR. BOYLAND: Right, yeah, third-party
- 23 commercial sales.
- MR. MAASS: We do on a very, very small selected
- 25 scope. It's not our core business, and here again, I would

- 1 say it would account for less than 3% or 4% of our total
- 2 sales.
- 3 MR. BOYLAND: Okay. With which --
- 4 MR. MAASS: And then -- and I have to add to
- 5 that, that's just our general production. And that might
- 6 not, it might be even less than that for inscope.
- 7 MR. BOYLAND: Okay.
- 8 MR. MAASS: So if you take -- if I have to think
- 9 about inscope, it would be almost nil.
- 10 MR. BOYLAND: Okay. Thank you. With respect to
- 11 your opening testimony, you talked about significant
- decline, and I believe you referenced 50% now of sales would
- be, of what we're interested in. What would --
- MR. MAASS: Correct.
- 15 MR. BOYLAND: -- the remainder be? What's the
- 16 other --
- 17 MR. MAASS: This is Alex Maass again. If you
- look back many moons ago, during the last anti-dumping
- 19 action in the '90s, the inscope merchandise represented more
- 20 than 90% of our turnover. That has diminished to about 50%
- or less. The remaining is out-of-scope merchandise,
- 22 different higher material grades and, as I had mentioned
- 23 before, customer-specific flanges made to drawings,
- 24 etcetera, that is out-of-scope.
- 25 MR. BOYLAND: Gotcha. Okay. With respect to

- 1 product mix, Courtney asked a question, and I'm asking it a
- 2 little differently. With respect to your product mix,
- during the period, did it change significantly, in terms of
- 4 the types of flanges? Within the scope that we're looking
- 5 at. Was there a change, a shift?
- 6 MR. MAASS: During which time period?
- 7 MR. BOYLAND: During the period. In other
- 8 words, if I'm looking at '16, '17, '14, '15, should I expect
- 9 to see any changes in average value? Simply because there
- 10 was a shift in the types of flanges being sold?
- 11 MR. MAASS: The types of -- Alex Maass again --
- during the '14, '15, '16 time period, the types of flanges
- 13 stayed the same.
- 14 MR. BOYLAND: Okay. So for any given period,
- 15 I'd see essentially the same profile?
- 16 MR. MAASS: One-to-one match-up, correct.
- 17 MR. BOYLAND: Okay. And this may be a BPI
- 18 question, but with respect to hedging, does the company
- 19 engage in any hedging?
- MR. MAASS: No, sir, we don't.
- MR. BOYLAND: You don't? Okay. And this is
- 22 probably a--obviously a--BPI question, we're looking at a
- 23 particular period. Prior to this period, what would the
- 24 company have expected in terms of gross profit during this
- 25 type of a business cycle? I mean what would --

- 1 MR. MAASS: We will be more than glad to discuss
- 2 that during the brief.
- 3 MR. BOYLAND: Thank you. And just a final
- 4 question. With respect to sales, is it correct that we're
- 5 looking at a mix of FOB plant delivered? I mean it sounded
- from your testimony that not all sales are gonna be picked
- 7 up by your customers? Some are delivered. Are we looking
- 8 at sort of a mix of FOB plant delivered sales?
- 9 MR. MAASS: The information provided to you of
- 10 the inscope information, it's my understanding it's all
- 11 based on FOB terms.
- MR. BOYLAND: FOB plant?
- MR. MAASS: FOB plant, yep.
- 14 MR. BOYLAND: All right, thank you. I have no
- 15 further questions.
- 16 MR. ANDERSON: Thank you, Mr. Boyland. Mr.
- 17 Guberman.
- 18 MR. GUBERMAN: Thank you, Mr. Maass, Dave
- 19 Guberman. Thank you for coming today. I have a question
- 20 about the manufacturing process. And if you could describe
- 21 the differences in the manufacturing process for the
- 22 stainless steel flanges, and other types of flanges, such as
- 23 the carbon steel units, and whether companies typically
- 24 specialize in one type of flange production, or if they go
- 25 back and forth between stainless steel and carbon.

_	MR. MAASS. Teatl, CHIS IS ATEX Maass. THE
2	dimensional specifications for flanges, no matter what grade
3	they are, are the same. The process of carbon steel is a
4	little bit different than the process of stainless steel.
5	The carbon steel is a more higher volume production as a
6	whole. If you look at it, it's mass produced.
7	We also produce some carbon steel that is
8	usually for customer-specification drawings, etcetera. We
9	do see quite a few traditional carbon steel manufacturers
10	coming into the stainless steel market, substituting their
11	capacities. Maass Flange, as a whole, has been focusing on
12	efficiently producing stainless steel flanges since the
13	'70s. And that's our core business and we typically do not
14	produce large volume carbon steel production runs.
15	MR. GUBERMAN: Are there different steps though
16	in the forging and finishing processes that are you mean,
17	it's a stainless steel?
18	MR. MAASS: Stainless steel has a couple of
19	additional steps to that. The carbon steel, it seems to be
20	an easier process to do. And the higher the alloy grades
21	go, the more demanding the production process is. And also
22	the more demanding the equipment is to process those steels.
23	MR. GUBERMAN: Okay. Can you describe some of
24	the major applications for the stainless steel flanges and
25	kind of break that out percentage how the pie would be

1	divided domestically, in terms of end uses? And then are
2	certain alloys required for certain applications of
3	different stainless steel grades I'm referring to
4	MR. MAASS: I'd be very glad to answer those
5	questions. I feel some of those are proprietary and we'll
6	disclose those in the brief.
7	MR. GUBERMAN: Okay. Can you talk about, just
8	in somewhat general terms, some of the major factors that
9	have affected stainless steel prices during the last three
10	years? What have been some of the major factors that have
11	moved prices?
12	MR. MAASS: Alex Maass again. When you say
13	stainless steel prices, you mean the raw material rates?
14	MR. GUBERMAN: Yeah, raw material.
15	MR. MAASS: The biggest influencing factor on
16	stainless steel prices, generally speaking, is the nickel.
17	MR. GUBERMAN: Okay.
18	MR. MAASS: Nickel tracks fairly close to
19	stainless steel pricing, as well as there's moly, the
20	ingredients that go into making the steel have a linear
21	relationship to pricing in the market. And the stainless
22	steel pricing in general is a commodity, right? Steel is
23	commodity. Nickel is a commodity.
24	Scrap pricing that goes into making the steel,

by scrap. And that gets dealt with at the London Metal

1 Exchange, LME pricing. It's all publicly available. And it tracks very close to global stainless steel pricing. 2. similar to crude oil pricing. You could almost think about 3 it at that level of commodity. 5 MR. GUBERMAN: So stainless steel price can be more volatile than carbon steel because of the nickel? 6 MR. MAASS: That is correct. Carbon steel seems to move somewhat slower than stainless steel. Stainless 8 9 steel responds fairly quickly to nickel movement, even 10 though there hasn't been so much erratic nickel movement as there was in, say, uh, early 2000's, 2006 or 2008. 11 MR. GUBERMAN: Okay, thank you. I have a 12 question about types of products and whether the intention 13 14 would be that they're included in the scope. I know there's 15 some flanges manufactured for exhaust systems for motor 16 vehicles because the motor vehicles, from what I understand, 17 exhaust systems are primarily made from stainless steel. And there's companies that make flanges that connect pipes 18 19 in the exhaust systems for stainless steel -- that are made from stainless steel. Was the intention when the scope was 20 21 written that they be included? MR. PICKARD: If the product meets the physical 22 23 characteristics of the scope, then we would say, yes, that

MR. GUBERMAN: Okay. And even if they don't

it was intended to be included.

24

1 meet the ASME, the B-16.5? MR. PICKARD: I believe our scope specifically 2. 3 lists ASME as what are the primary characteristics of the 4 scope, but if there are specific products at issue we'd be 5 happy to brief that. 6 MR. GUBERMAN: Okay. And a question about 7 manufacturing process, can you briefly talk about the differences between the forging casting and stamping 8 9 flanges. What are the different characteristics that are 10 imparted by forging that you wouldn't get from the other processes, if there are any differences? 11 12 MR. MAASS: The general principle of casting 13 versus forging -- stamping you'd have to better define the 14 stamping, what you're meaning. If you mean stamping it out 15 of sheet metal stamping, then I'm not aware of any flanges 16 being stamped out sheet metal in that sense because you cannot get the contour and you wouldn't need the B-16.5 17 standard because it requires a forging process, a 18 19 hot-working process to be involved. 20 Also, B-16.5 requires the flanges to be, just like I said, forged not cast. My understanding is that 21 22 casting is a manufacturing process which effectively melts the metal and molds it in a molten form, yes, so like it's 23

like liquid wax being poured into something that molds it.

We don't do that. We do not liquefy anything. We only heat

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- 1 it up to a 2200 to 2300 degree Fahrenheit temperature, which
- 2 doesn't liquefy the metal. It makes it pliable. And that
- 3 soften metal is like having soft butter versus butter out
- 4 of the refrigerator. It gets forges or stamped -- when I
- 5 say 'stamped," it gets hammered into the mold that makes the
- 6 forging laying there on the table. It's a hot-working
- 7 process, a hammering process. There's a lot of noise and
- 8 banging and flames going on. It is not liquefied at any
- 9 state.
- 10 MR. GUBERMAN: Okay, thank you. Another
- 11 question about the standards, ASME B-16.5 standard, that's a
- 12 standard for the forging, right, not the finished product?
- 13 When does it meet that standard, when it's forged or when
- it's finished.
- 15 MR. COOK: The ASME B-16.5 is a dimensional
- 16 standard as to what you see for the finished flange there.
- 17 MR. GUBERMAN: Okay.
- 18 MR. COOK: It's not necessarily to the forging.
- 19 A lot of different manufacturers make forgings in different
- 20 ways. We make ours in a close-dye process, in which Alex
- 21 mentioned earlier; only just a small amount needs to be
- 22 machined off. There's other forgers that have larger pieces
- of metal to start with the end result will be that, but
- that's the reason the standard is to the finished machine
- 25 dimension.

1 N	MR.	GUBERMAN:	Okay.
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- 2 MR. COOK: Yes, it's B-16.5.
- 3 MR. GUBERMAN: Alright, thank you. That's all
- 4 my questions for now.
- 5 MR. ANDERSON: Okay, thank you, Mr. Guberman.
- 6 Now we'll swing to the other end of the table here and Mr.
- 7 Corkran, our supervisor investigator has the microphone.
- 8 MR. CORKRAN: Thank you very much and thank you
- 9 very much to the panel for your presence here today. As has
- 10 been mentioned, we sincerely appreciate it, not the least of
- 11 which with all the troubles and tries that you're having in
- 12 Houston at this point in time.
- I had a couple of questions, one, starting with
- 14 the first page of the petition. Can you provide additional
- information about the other Petitioner, Core Pipe Products,
- 16 please?
- 17 MR. PICKARD: Sure. Just for clarification,
- 18 what type of information would be most helpful to the
- 19 Commission?
- 20 MR. CORKRAN: What is their business practice?
- 21 What is their business process? How would you characterize
- their position within the industry?
- 23 MR. PICKARD: Sure. We'll be happy to include
- that in our post-conference brief.
- 25 MR. CORKRAN: Are you at all familiar with Core

1	Pipe Products? I mean is this in how they operate and
2	where they move in the market?
3	MR. PICKARD: Certainly, they're a member of the
4	Petitioning Coalition and a client of the law firm. I'm
5	sorry. Just to clarify, Mr. Corkran, are you looking for
6	just kind of a general description currently of
7	MR. CORKRAN: Well, you mentioned that the
8	industry was divided up into integrated producers,
9	converters. I think those were the two main categories that
10	you were focusing on and I wasn't sure which or how would
11	you describe their participation in the marketplace?
12	MR. PICKARD: So I think it's public knowledge
13	that they are a converter finishing operation and it's also
14	public information that they are supportive of the case. I
15	think the question that you're perhaps tactfully trying to
16	get to is whether they should be deemed a U.S. producer or
17	how they can fit into the U.S. industry. So I think they
18	could be deemed and maybe I could clarify this a little
19	bit better as a U.S. producer under two different
20	theories.
21	One, to the extent that the Commission finds
22	that under a more traditional analysis that regardless of
23	how the scope is drafted that sufficient added value and
24	production-related operations that they would be deemed a
25	II S producer that way or to the contrary to the extent

1	that the Commission recognizes that converters who are using
2	Chinese or Indian flanges to product, if they accept our
3	theory that doesn't amount to U.S. production operations.
4	And without getting into any of the specifics of
5	Core Pipe's operations, I think that you could draw a
6	principle line saying that is distinct from a converter who
7	would be using non-subject products and converting it
8	because those further finished products, under our scope,
9	wouldn't be subject merchandise, but we can tease that out
10	considerably more in our post-conference brief.
11	MR. CORKRAN: Okay. No, thank you, that was
12	helpful. I just wanted to take advantage of the panel's
13	experience to get some more information on the record on
14	Core Pipe products.
15	I had a question about information that appears
16	in the petition at Exhibit I-8 as well. In terms of what's
17	going on in the marketplace, one of the things that I found
18	striking was a substantial increase in imports of stainless
19	steel forgings and I'm not talking about those coming from
20	the subject countries, which actually declined. I'm talking
21	about the ones coming from the "All Other Sources." There's
22	a noticeable increase between 2014 and 2016 and the average
23	unit values that you were referencing earlier dropped to
24	levels noticeably below those for China and India in 2016
25	and 2017. So in terms of the forgings that are in the

- 1 marketplace, what is going on with those?
- 2 MR. PICKARD: Sure. Is your inquired tied to
- 3 directly to the increase in semi-finished -- I'm sorry,
- 4 unfinished forgings in regard to the Philippines or are you
- 5 talking about all non-subject combined?
- 6 MR. CORKRAN: That's a good question because I
- 7 was actually looking at a presentation that combined all
- 8 other sources, so I'm not sure if it's from the Philippines.
- 9 MR. PICKARD: Sure. Okay, so there's a distinct
- 10 Philippines issue of which I think we teed up earlier which
- 11 looks like or at least there's reason to believe that is
- 12 transshipped Chinese product. We'll go take a look at the
- 13 disaggregated, non-subject forging data and we'll get you a
- 14 further analysis on that.
- 15 MR. CORKRAN: Okay, excellent. Thank you very
- 16 much. One thing I wanted to follow up on as well, I thought
- 17 I heard this, but I wanted to make sure it was the case.
- 18 Approved Manufacturer List, those include converters, right,
- 19 and not just forgers?
- MR. MAASS: That is correct.
- 21 MR. CORKRAN: Thank you. This is a question
- 22 that comes over from other cases that we've had in stainless
- 23 steel, but I'm not quite sure whether or not it relates to
- 24 flanges. When you price, do you utilize surcharges that
- 25 reflect shifts in stainless steel costs or alloy costs?

1	MR. MAASS: No, we do not.
2	MR. CORKRAN: Okay. Related and this question
3	was raised a little bit earlier. I wanted to refine it just
4	a little bit. In one of the presentations, you identified
5	grades 304 and 316 and 304-L and 316 as principal grades.
6	One of the things that we look at in our staff report is we
7	look at primary raw materials. Would you say these 300
8	grades are more prevalent than, say, the 400 grades of
9	stainless steel?
10	MR. MAASS: If for the in-scope merchandise the
11	volume of 300 series stainless steel flanges would, by far,
12	outweigh any other, yes.
13	MR. CORKRAN: Okay, thank you. Sometimes that
14	has an affect because we're looking at not only those
15	prices, but how not just nickel, but chrome maybe moving or
16	things like that. Thank you. I appreciate that
17	clarification.
18	This is a question for Maass. How do you align
19	your company's forging capacity with its finishing capacity?
20	Do you have a forging capacity that largely matches your
21	finishing capacity? Do you have excess forging capacity,
22	excess finishing capacity? How do you align those
23	components of your business?
24	MR. MAASS: We have vast excess forging capacity
25	over machining capacity.

Т	MR. CORKRAN. Okay. But your finishing capacity
2	is more fully utilized?
3	MR. MAASS: I'd be more than glad to disclose
4	that during our brief.
5	MR. CORKRAN: Okay. I'd like to follow up on
б	one of the questions that Mr. Enck had when he alluded to
7	some of the import data that we're looking at, but more
8	broadly, can you describe what the role of NAFTA is and the
9	broader North American market? Because when you look at
10	imports from countries, other than those that are subject to
11	this investigation, Mexico and Canada do sort of stand out
12	as other sources of supply, so how does the North American
13	market operate?
14	MR. MAASS: I believe it's public knowledge that
15	we also operate a McKelador facility in Mexico which would
16	fall under the NAFTA, so the import of flanges from Mexico
17	would, to a large extent, account for the production of our
18	facility in Mexico. It's my understanding that there's also
19	a considerable amount of product coming in from Canada.
20	Here I am not aware of a forging flange forging
21	manufacturer in Canada, so we are not sure on where that
22	product originates from or where it's forged at and if it's
23	machined in Canada or it is transshipped in Canada. We
24	don't know.
25	MR. CORKRAN: Okay, thank you very much.

1	Dr. Kaplan, this is a question for you. We've
2	had some other cases where the product that we're looking at
3	is one that is utilized in the oil and gas sector, but more
4	for refinery-type or process-type operations like you were
5	describing and one of the challenges that we've had is
6	picking out good demand driver data. Are you aware of any
7	published data that tracks, say, refinery activity or that
8	would be more closely associated with the use of this
9	product?
10	DR. KAPLAN: In my presentation, I presented
11	worldwide data for refinery capital expenditures. Data like
12	that is available for the states, but it's proprietary data.
13	So if the Commission wants to make an investment, I'm sure
14	that someone will be more than happy to sell them that data.
15	We did a search as well and found some of that, but I think
16	in the post-hearing we'll try to answer the earlier question
17	about rough shares into which segment it goes into.
18	It's our understanding now that it is refinery
19	and petro-chemicals are high on the list, but given the
20	location of the facilities, the approval lists is commonly
21	what's called the Exxon list and that the Commission found
22	in the last investigation that there is, you know with some
23	lag, affects from the oil and gas prices, which I think is
24	consistent with world refinery expenditures. So we'll try
25	to add more information to that, but I think you have some

2	MR. CORKRAN: I believe the last question I have
3	was touched on earlier. In looking at import trends, one of
4	the issues that was raised was the affect of the Exclusion
5	Order. Will that have a continuing affect on imports or was
6	that primarily something that occurred at a particular point
7	in time during our data collection period?
8	MR. PICKARD: Why don't I start it, and then to
9	the extent that you want to jump in, feel free. So there's
10	reason to believe that the 337 investigation may have
11	distorted some of the three-year trend data, specifically,
12	that it looks like during the POI there may have been an
13	effort by Varage to push in imports on an accelerated basis.
14	We know in 2017 you've got an absolute increase from India.
15	But more than that and we can get into it a little bit
16	here or if you prefer we can do in the post-conference
17	brief. It's public information that Varage owns Bebetz and
18	we're going to put in some articles and other
19	publicly-available information in regard to both the
20	increases in capacity for stainless steel and for flanges by
21	Varage and Bebetz and some other probably more business
22	confidential information supporting the proposition that a
23	lot of those Varage shipments are now being done by Bebetz.
24	So I suppose more specifically to your question
25	is do we think that the Exclusion Order has shut down

1 of it in that 1-IA table.

Τ	snipments from the United States of Stainless steel flanges
2	from Varage and its variety of affiliated companies? No.
3	And do we think that those shipments will continue and
4	accelerate in 2017 and beyond in the absence of an order?
5	Absolutely yes. Would you prefer to do it in a
6	post-conference or do you want to
7	MR. MAASS: It's our understanding, based on our
8	information from our customers, that the customers were at
9	the time of the when the Exclusion Order was issued and
10	the customer did not receive their product in a timely
11	fashion, they were pushing in one-year supply of product
12	into the U.S and this is all public knowledge within
13	a six or eight-week period. So they redirected all
14	production resources to just an avalanche. Shipped
15	everything they could possibly make into the U.S., swamping
16	the market. Then the Exclusion Order happened, and based on
17	the information we received from our customers, the product
18	that was not received, open order items, the customer was
19	allowed to cancel the order with Varage and reissue the same
20	order under the same conditions for the same prices for the
21	same items with the same incoterms and deliveries to Bebetz.
22	In fact, it's our understanding that the sales
23	manager that used to work for Varage during the time of the
24	Exclusion Order just changed saddles and moved over to
25	Bebetz or changed horse, you could say, and they just

1	rebranded is really all they did. They took the Varage
2	brand applied it to the Bebetz brand. Both of them are
3	approved, which really doesn't make a difference, because
4	it's a commodity and they just continued business as usual,
5	as it was in the past. Nothing has really changed. The
6	only thing that did change in 2016 that we had this huge
7	surge of product coming in before the Exclusion Order took
8	place. Everything else kind of has settled back down and
9	what used to be Varage now is Bebetz and the customers
10	perceive it in that fashion also.
11	DR. KAPLAN: This is Seth Kaplan. I'm going to
12	kind of bring a graph of the Indian data on a monthly basis
13	and kind of annotate it. And I think what you do see is a
14	surge for several months, but then a decline to a lower
15	level, which kind of explains market share a bit in 2016,
16	and then a tip up back in 2017.
17	So you can actually see the volumes and how much
18	they go up and down on a monthly basis. And I think that
19	Mr. Pickard is right that there was disruption, and you can
20	see it in the data. And I think our discussion of the
21	volumes and how much came in and how disruption there was is
22	better analyzed through an examination of that monthly data.
23	And I think it's consistent with the notion that
24	the market was disrupted and consistent with decline in
25	market share and sales, and then a return to levels that you

- 1 see in the interim data before you.
- 2 MR. CORKRAN: Thank you very much, and thank you
- 3 to the panel. With that, I have no further questions.
- 4 MR. ANDERSON: Thank you, Mr. Corkran. I'm going
- 5 to scan my colleagues here to see if they have any follow-up
- 6 questions. Mr. Enck?
- 7 MR. ENCK: Okay, the Maass website mentions that
- 8 Maass Ring and Forge was founded in 2014. Does that factory
- 9 make stainless steel flanges?
- 10 MR. MAASS: Alex Maass. Yes, it does. And we
- 11 were going to include the production makeup, you know, who
- does what, in our brief.
- 13 MR. ENCK: Okay. And could you tell me anything
- 14 about the investment decision at the time to invest in that
- 15 new facility?
- 16 MR. MAASS: We will be very glad to do that in the
- 17 brief.
- 18 MR. ENCK: Okay. Thank you. That's all I have.
- 19 MR. ANDERSON: Any follow-up questions?
- 20 (No response.)
- MR. ANDERSON: I want to thank you very much for
- 22 your responsiveness and indulging in our questions. It's
- 23 been very helpful, and my colleagues have asked some
- 24 excellent questions. I just have a couple of real quick
- ones.

1	Thank you all for bringing the products. That's
2	very helpful. Seeing is believing, we like to say, so it's
3	very helpful. And I just want to echo also that we're glad
4	that you're here today, and we know of the trying
5	circumstances in the Houston area, so I guess it's good that
6	you're west and not in downtown Houston.
7	But just to follow up on that, can you say
8	anything about how that catastrophe in that area, given that
9	oil and gas is a large part of the market for these
10	products, is there any impact from that catastrophe there on
11	the market itself, on any of your competitors, or on the
12	subject imports? I don't know if they come in through the
13	Port of Houston, or through New Orleans, but is there
14	anything you could round out that initial question Ms. Von
15	Kessler asked about the impact of Hurricane Harvey?
16	MR. MAASS: Alex Maass. The Hurricane Harvey, a
17	very unfortunate situation. The impacts of Hurricane Harvey
18	are going to beIt's a little early I think to figure all
19	that out. It is our understanding that the Port of Houston
20	has been backed up. There has been no damage due to
21	flooding, because we really didn't receive severe flooding
22	in Houston.
23	We received severe rains which all drain into the
24	Galveston Bay. So the delay on the Port is solely due to
25	the hurricane that was offshore and they didn't want to

- 1 bring vessels in during the high wind.
- We are not aware of any of our competitors being
- 3 in distress by Harvey. Neither are we, from a facility
- 4 point of view. We've had several employees that got flooded
- 5 and were not able to dedicate all their time to work for the
- 6 first couple of days after the storm.
- 7 And as far as your question to customers, end
- 8 users' facilities being impacted, I probably know as much as
- 9 you do reading the newspaper. There doesn't seem to be that
- 10 big of a impact, is what my understanding is. And a lot of
- 11 the facilities and pipelines are restarting, things like
- 12 that.
- MR. ANDERSON: Okay. Thank you. That's very
- 14 helpful; a very good clarification.
- A couple of other quick questions. Can you
- 16 either now or in your posthearing brief comment on your
- 17 projected demand for the product in the rest of 2017 and
- 18 2018?
- 19 MR. MAASS: Alex Maass. We will be delighted to
- do so during the brief.
- 21 MR. ANDERSON: Okay. And then another question on
- 22 demand in India and China. Is there anything you could say
- 23 now or in your posthearing brief about demand for this
- 24 product in India and China during the period of
- 25 investigation?

Τ	MR. MAASS: To the best of our knowledge we will
2	do so in our brief.
3	MR. ANDERSON: Okay, great. And then what, if
4	any, is the relevance of the fact that there is no
5	opposition here today or another party coming to testify
6	against the Petition? Is there any relevance? And how
7	should the Commission look at that in this preliminary phase
8	investigation?
9	MR. PICKARD: It's a good question, right? The
10	ITC, to the best of my knowledge, has always emphasized that
11	it's not a due process proceeding as much as its own
12	investigation. That being said, I think there are certain
13	kind of notions of fairness that would seem to imply that
14	the lack of opposition should be counted in favor of the
15	domestic industry.
16	As a purely legal matter, I'd actually like to
17	give that some thought and share our thoughts in our
18	postconference brief.
19	DR. KAPLAN: I'll certainly say that none of our
20	arguments have been rebutted. And to the extent that you
21	and you always have taken testimony as an important part of
22	the investigation, the issues that we have laid out have not
23	been joined. They've been conceded, as sworn testimony
24	here. So, you know, you do conduct your own investigation.
25	Vou do havo quostionnairo responses as well but you had

2	interpretation. Questions about the meaning about how the
3	market works. And, you know, in this case and in a lot of
4	cases where the markets and the products are narrowly
5	defined, there are not great third sources.
6	I mean even where the markets are much broader,
7	as Mr. Corkran mentioned earlier, the Commission struggles
8	with getting refinery data. And that's not a small
9	industry. The testimony here is important and pertinent,
10	and many times the only evidence you have on the record.
11	So to the extent it is, the fact that it is
12	uncontested, is meaningful for the record. And we would be
13	happy to, you know, give you many more information [sic],
14	and we will both bring our knowledge of the case as well as
15	our interpretation and analysis of the confidential record
16	and the questionnaires in our postconference brief.
17	MR. PICKARD: Can I make just one quick
18	observation, and we'll flesh it out more in our
19	postconference brief, but the case law is clear that the
20	Commission is the trier of fact. It is within the
21	Commission's discretion as far as the probative value that
22	it wishes to assign to various testimony or other pieces of
23	evidence.
24	To the extent that you have sworn testimony from
25	one side, and potentially a postconference brief put in in

questions about them today. Questions about

_	opposition, which we don't know it that s going to occur of
2	not, it would certainly be within the Commission's
3	discretion to weigh sworn testimony more heavily, or provide
4	it with more probative value, than assertions made in a
5	brief that weren't done under oath.
6	So that's clear. And I think in light ofand
7	this we'll expand more on in the briefthe American Lamb
8	Standard requires that there's only a reasonable indication
9	of material injury that needs to be shown.
10	Here, with kind of a prima facie case of at least
11	in the current period an absolute increase, a market share
12	increase, the under-selling and this type of profitability,
13	in the absence of any testimony to the contrary I would just
14	submit that that would probably be pretty compelling for any
15	Commission.
16	MR. ANDERSON: Okay, thank you very much. It's a
17	fascinating question and I look forward towe look forward
18	to any more elaboration in your postconference brief.
19	And my last question is, there was a lot of
20	testimony about what has not changed since the 1994
21	determination. Mr. Kaplan, in particular, you mentioned
22	several things as far as supporting your head-to-head
23	competition, inelastic demand, et cetera.
24	So, conversely, what has changed in 20 years with
25	either the product or the market? You're testifying here

1	that a lot of things have not changed since the previous
2	case, and that's been roughly 20 years. So what has changed
3	either with the product or the market, et cetera?
4	DR. KAPLAN: Seth Kaplan. I'd like to elaborate
5	more in the posthearing brief, but as I discussed earlier
6	about kind of the continuous plight of this industry, in
7	some cases you see, you know, a very high surge in imports
8	precipitating the filing of the case, and injury, and in one
9	period or something to that effect. The industry has been
10	contracting, and it's not been for lack of demand over that
11	period, due to a constant battering from low-priced imports.
12	And we are here today to call them out. They've
13	been called out before, but that's neither here nor there
14	for this investigation, other than the fact that they were
15	there and now they're being called out.
16	You can look at the prices. The under-selling is
17	consistent through the three years. Damage to the
18	profitability is consistent. Mr. Pickard has spoken to
19	firms shuttering their forging capabilities and switching to
20	conversion.
21	So we will put that forward over time and any
22	other issues that we think are responsive to your question.
23	So, good question, and we'll answer it for you.
24	MR. PICKARD: This is Dan Pickard. There's one
25	very obvious change that's happened since 1994 and that I

1	think all sides would agree is true. The increase in
2	foreign capacity in China and India, it's not a shocker to
3	anybody at the Commission as far as te increase in Chinese
4	steel capacity across the board. And, similarly, there's a
5	plethora of evidence in regard to the increase in capacity
6	in India, and specifically tied to stainless steel flange
7	capacity.
8	There are public statements by Verrage since 1994
9	as far as their dedication in regard to becoming the largest
10	stainless steel producer in the world. Their acquisition of
11	Bebets. The fact that they've publicly stated that they
12	want to be the supermarket of stainless steel throughout the
13	world.
14	And we can put on additional evidence, but when
15	you asked what's changed since 1994, incontrovertible
16	evidence in regard to increases in subject capacity.
17	MR. ANDERSON: Okay, that's very helpful. Thank
18	you for that detail and clarification.
19	With that, on behalf of staff I want to thank you
20	very much for your responses to our questions, and it's been
21	very helpful to have that dialogue.
22	I think we'll just move right into closing
23	arguments. This is kind of unusual. We're not used to
24	taking a break, unless you need a break, and we can move

right into closing arguments.

1	CLOSING REMARKS BY DANIEL PICKARD
2	MR. PICKARD: And I think we can move right into
3	saying thank you, and adjourning. We very much appreciate
4	everyone's time. I think our position is pretty
5	straightforward.
6	Not to put too fine a point on things, there's
7	been some discussion in regard to the trends analysis, the
8	but-for analysis. I want to make perfectly clear that it is
9	our position that under the most conservative traditional
10	ITC approach in regard to evaluating the significance of the
11	imports, that an affirmative determination is warranted.
12	That under well-established ITC precedent, with the
13	half-year 2017 data what we're seeing is that absolute and
14	relative increase in imports.
15	But we do plan on briefing more thoroughly maybe
16	additional ways of looking at the absolute volume of imports
17	and how that contributes to injury. But that's in support
18	of and in the alternative of our main arguments.
19	Similarly, our arguments in regard to
20	under-selling and price depression, are kind of classic
21	textbook arguments, as are our arguments in regard to
22	adverse impact and the threat of imports.
23	So again, I want to say thank you. We will be
24	happy to answer all of the questions that were raised, and
25	to the extent that there are additional questions again

Τ	obviously we will be happy to answer them.
2	Thanks again for your time.
3	MR. ANDERSON: Okay, thank you. And that was
4	definitely less than five minutes. So with that, again on
5	behalf of staff I want to thank you for being here today to
6	help us understand the product, the market, the industry.
7	It has been very helpful.
8	Just to mention a couple of key dates in the
9	investigations for the record: The deadline for submission
10	of corrections to the transcript and submission of
11	postconference briefs is next Monday, September 11th. If
12	briefs contain proprietary information, a public version is
13	due on Tuesday, September 12th. And the Commission is
14	tentatively scheduled to vote on these investigations for
15	Friday, September 29th. And it will report its
16	determinations to the Secretary of the Department of
17	Commerce on Monday, October 2nd. Commissioners' opinions
18	will be issued on Tuesday, October 10th.
19	And with that, I thank you again very much and
20	this conference is adjourned.
21	(Whereupon, at 11:59 a.m., Wednesday, September
22	6, 2017, the hearing was adjourned.)
23	
24	

## CERTIFICATE OF REPORTER

TITLE: In The Matter Of: Stainless Steel Flanges from China and India

INVESTIGATION NOS.: 701-TA-585-586 and 731-TA-1383-1384

HEARING DATE: 9-6-17

LOCATION: Washington, D.C.

NATURE OF HEARING: Preliminary

I hereby certify that the foregoing/attached transcript is a true, correct and complete record of the above-referenced proceeding(s) of the U.S.

International Trade Commission.

DATE: 9-6-17

SIGNED: Mark A. Jagan

Signature of the Contractor or the Authorized Contractor's Representative

I hereby certify that I am not the Court Reporter and that I have proofread the above-referenced transcript of the proceedings of the U.S. International Trade Commission, against the aforementioned Court Reporter's notes and recordings, for accuracy in transcription in the spelling, hyphenation, punctuation and speaker identification and did not make any changes of a substantive nature. The foregoing/attached transcript is a true, correct and complete transcription of the proceedings.

SIGNED: Christopher Weiskircher Proofreader

I hereby certify that I reported the above-referenced proceedings of the U.S. International Trade Commission and caused to be prepared from my tapes and notes of the proceedings a true, correct and complete verbatim recording of the proceedings.

SIGNED: Larry Flowers
Court Reporter

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