From: Mishra, Sumit <sumitkm@amazon.com>
Sent: Monday, May 30, 2016 9:59 PM
To: B S, Sharath <sharab@amazon.com>
Cc: Shankar, Gayathri <gshank@amazon.com>; Sharma, Subhash <subsharm@amazon.com>; Han, Esther <jhhan@amazon.com>; Chaturvedi, Bhupender <bhupc@amazon.com>; Venkatesh, Chandramouli (C.V.) <venkac@amazon.com>; Saradhy, Vijay <saradhy@amazon.com>; Perla Camps, Regina <reginap@amazon.lu>; Srijan, Shivasheesh <shivashe@amazon.com>
Subject: RE: DG India Discussion

Hi Sharath,

Could you please also share the TP and TN data for the same period so that the rates can be calculated?

Thanks and Regards,

Sumit Mishra | IN DG Program Manager
WW Dangerous Goods
E: sumitkm@amazon.com

From: Srijan, Shivasheesh
Sent: Thursday, May 26, 2016 3:31 PM
To: B S, Sharath; Perla Camps, Regina; Mishra, Sumit
Cc: Shankar, Gayathri; Sharma, Subhash; Han, Esther; Chaturvedi, Bhupender; Venkatesh, Chandramouli (C.V.); Saradhy, Vijay
Subject: RE: DG India Discussion

Hi Sharath,

Thanks for the data.
Can you please also share the number of ASINs classified during the same period of which these ASINs are part of

Thanks,
Shivasheesh

From: B S, Sharath
Sent: Thursday, May 26, 2016 2:10 AM
To: Perla Camps, Regina; Srijan, Shivasheesh; Mishra, Sumit
Cc: Shankar, Gayathri; Sharma, Subhash; Han, Esther; Chaturvedi, Bhupender; Venkatesh, Chandramouli (C.V.); Saradhy, Vijay
Subject: RE: DG India Discussion

Hi Shivasheesh,

Attaching the easy ship FPs and FNs ASINs from Jan 1st 2016.

Thanks and Regards

Sharath. B .S

From: Perla Camps, Regina
Sent: Tuesday, May 24, 2016 2:43 PM
To: Srijan, Shivasheesh <shivashe@amazon.com>; B S, Sharath <sharab@amazon.com>; Mishra, Sumit <sumitkm@amazon.com>
Cc: Shankar, Gayathri <gshank@amazon.com>; Sharma, Subhash <subsharm@amazon.com>; Han, Esther <jhhan@amazon.com>; Chaturvedi, Bhupender <bhupc@amazon.com>; Venkatesh, Chandramouli (C.V.) <venkac@amazon.com>; Saradhy, Vijay <saradhy@amazon.com>
Subject: RE: DG India Discussion

Adding CV/Vijay to the loop to get access to the data too

FYI- CV's team is looking into the automatic retrain of the training data based on the FN. Once they do so it won't be necessary to cut SIMs with the FN.

Regards,
Regina

From: Srijan, Shivasheesh
Sent: Tuesday, May 24, 2016 10:04 AM
To: B S, Sharath <sharab@amazon.com>; Mishra, Sumit <sumitkm@amazon.com>
Cc: Shankar, Gayathri <gshank@amazon.com>; Sharma, Subhash <subsharm@amazon.com>; Perla Camps, Regina <reginap@amazon.lu>; Han, Esther <jhhan@amazon.com>; Chaturvedi, Bhupender <bhupc@amazon.com>
Subject: RE: DG India Discussion
Importance: High

-Mainul
+Bhupender

Hi Sharath,

We are having a discussion with Easy ship team on the plans for PCA removals on 26th May and we would need the data on FPs and FNs for the last 5 months. Request you to please help us with the data by tomorrow EOD

Thanks,
Shivasheesh

From: B S, Sharath
Sent: Wednesday, February 17, 2016 12:26 AM
To: Mishra, Sumit
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Sharma, Subhash; Perla Camps, Regina; Han, Esther
Subject: RE: DG India Discussion

Hi Sumit,

PFB the details…

		Reviewer Disposition		
	Disposition	**hazmat**	**non-hazmat**	**Grand Total**
Classifier Disposition	**hazmat**	**295995**	**136295**	**432290**
	Oct	23730	53359	77089
	Nov	64088	41436	105524
	Dec	208177	41500	249677
	non-hazmat	**2825**	**355523**	**358348**
	Oct	809	95415	96224
	Nov	522	92814	93336
	Dec	1494	167294	168788
	Grand Total	**298820**	**491818**	**790638**

Thanks and Regards
Sharath. B .S

From: Mishra, Sumit
Sent: Tuesday, February 16, 2016 10:51 AM
To: B S, Sharath
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Sharma, Subhash; Perla Camps, Regina; Han, Esther
Subject: RE: DG India Discussion

Thanks Sharath could you please also send across the disposition table like the one below?

		Reviewer Disposition		
	Disposition	**hazmat**	**non-hazmat**	**Grand Total**
Classifier Disposition	**hazmat**	**295995**	**136295**	**432290**
	Oct	23730	53359	77089
	Nov	64088	41436	105524
	Dec	208177	41500	249677
	non-hazmat	**472**	**60672**	**61144**
	Oct	116	20680	20796
	Nov	109	16748	16857
	Dec	247	23244	23491
	Grand Total	**296467**	**196967**	**493434**

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

From: B S, Sharath
Sent: Monday, February 15, 2016 10:17 PM
To: Mishra, Sumit
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Sharma, Subhash; Perla Camps, Regina; Han, Esther
Subject: RE: DG India Discussion

Hi Sumit,

I validated the for the blank classifier disposition, for sample sets of ASINs, all the ASINs turned out to be Non Haz as assumed, hence by having a blank classifier disposition as Non-Haz below is revised FN and FP.

Month	FN-Old	FN-New	FP-Old	FP-New
Oct	0.56%	0.84%	69.22%	69.22%
Nov	0.65%	0.56%	39.27%	39.27%
Dec	1.05%	0.89%	16.62%	16.62%
Q4	0.77%	0.79%	31.53%	31.53%

Thanks and Regards
Sharath. B .S

From: B S, Sharath
Sent: Saturday, February 13, 2016 1:39 AM
To: Han, Esther; Mishra, Sumit; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri
Subject: RE: DG India Discussion

Hi Esther,

Yes, you might be right, even in asin_process_metrics table the new_classifier_disposition is shown as non-hazmat for this 3 sample ASINs. Thank you for your input.

Thanks and Regards
Sharath. B.S

From: Han, Esther
Sent: Saturday, February 13, 2016 1:12 AM
To: B S, Sharath; Mishra, Sumit; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri
Subject: RE: DG India Discussion

Hi Sharath-

I checked a random sample of 3 ASINs from below (see attached output)- they are all missing entries for "State = NEW". My speculation is that these ASINs never entered the manual review queue (it was identified as non-hazmat by the classifier) however was classified manually by using the ReviewUI. Could these be non-hazmat audit samples?

If you believe there is a glitch in the system please reach out to CV on any data quality concerns.

Thank you,
Esther

Esther Han | Data Engineer
206.765.2052 | Dangerous Goods
_____

From: B S, Sharath
Sent: Thursday, February 11, 2016 11:52 PM
To: Mishra, Sumit; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Han, Esther
Subject: RE: DG India Discussion

Hi Sumit,

As we discussed, the issue we see is with "asin_metrics" table, it will not provide the output for all the ASINs reviewed. The only solution I can think of for now is we need to use "asin_process_metrics'. I will get that data by Monday.

@ Esther: Any hint why we get null output in "asin_metrics" table for a few of the ASINs?

Thanks and Regards
Sharath. B.S
_____

From: Mishra, Sumit
Sent: Friday, February 12, 2016 11:23 AM
To: B S, Sharath; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Han, Esther
Subject: RE: DG India Discussion

Hi Sharath,

We connected yesterday to check the extracted file which indeed did not have a valid classifier disposition for around 300 K ASINs. However on running some samples on reviewer UI, I can see the classifier disposition for them. Here are a few examples which did not have a disposition in your file.

B00WGZYBRK
B013RKJK1E
B007KWXGZ2

B008KH33U4
B00BCPE5Y4
B00LO6EWFS
B00SGS7ZD8
B00U7GOCLA
B0147AUNNW
B001AIFBMI
B001XTCDHA
B00JQF43LM
B00GRLLP00
B00PZOQEQ0
B010HSEZIC
B00GIFOLII
B00OUY3RG6

Could you please check this and try extracting the data again? There might be some technical glitch with the database tables. If this doesn't give us the desired result the next time, we might need to include Abhishek or CV.

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

_____

From: B S, Sharath
Sent: Thursday, February 11, 2016 2:11 PM
To: Mishra, Sumit; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Han, Esther
Subject: RE: DG India Discussion

Hi Sumit,

We can connect today in person and will explain how the data extracted. It's basically 8 lakh easy ship ASINs was reviewed, however, in databases we have classification disposition has hazmat or non hazmat data points only for ~5 lakh ASINs.

Thanks and Regards
Sharath. B.S

_____

From: Mishra, Sumit
Sent: Thursday, February 11, 2016 10:36 AM
To: B S, Sharath; Sharma, Subhash; Perla Camps, Regina

Hi Sharath,

What do we mean by "*in total 8 lakh easy ship ASINs was reviewed. Out of that only ~5 Lakh ASINs have classification disposition*"? Ideally all the ASINs that pass through the classifier should have the classifier disposition.

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

From: B S, Sharath
Sent: Monday, February 08, 2016 5:57 PM
To: Mishra, Sumit; Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Shankar, Gayathri; Han, Esther
Subject: RE: DG India Discussion

Hi Sumit,

Please find the required details, in total 8 lakh easy ship ASINs was reviewed. Out of that only ~5 Lakh ASINs have classification disposition. Below is the FN and FP rate for Q4

Month	FN	FP
Oct	0.56%	69.22%
Nov	0.65%	39.27%
Dec	1.05%	16.62%
Q4	0.77%	31.53%

Count of ASINs:

		Reviewer Disposition		
	Disposition	hazmat	non-hazmat	Grand Total
Classifier Disposition	**hazmat**	**295995**	**136295**	**432290**
	Oct	23730	53359	77089
	Nov	64088	41436	105524
	Dec	208177	41500	249677
	non-hazmat	**472**	**60672**	**61144**

	Oct	116	20680	20796
	Nov	109	16748	16857
	Dec	247	23244	23491
Grand Total		**296467**	**196967**	**493434**

Thanks and Regards
Sharath. B .S

_____

From: B S, Sharath
Sent: Thursday, February 04, 2016 3:55 PM
To: Mishra, Sumit; Sharma, Subhash; Han, Esther; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Hi Sumit,

We started working on it, there is a ~8 L ASIN reviewed in Q4, will share the final report on Monday.

Thanks and Regards
Sharath. B .S

_____

From: Mishra, Sumit
Sent: Thursday, February 04, 2016 3:38 PM
To: Sharma, Subhash; Han, Esther; Perla Camps, Regina; B S, Sharath
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Hi Sharath/Subhash,

Have we already started working on this request? Do we have an ETA for this so that we can keep the EasyShip team updated on the progress?

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

_____

From: Sharma, Subhash
Sent: Monday, February 01, 2016 3:22 PM
To: Mishra, Sumit; Han, Esther; Perla Camps, Regina; B S, Sharath
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

+Sharath

Hi Sumit,

Sharath will work on these & provide the same.

Regards,
Subhash
_____

Hi Subhash,

Since Esther has confirmed that it will take a while for the new DG metrics to be out, would it be possible for Sharath to extract a one-time classifier FP and FN rates for EasyShip?

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

_____

Hi Regina,

I have received the requests to add "Total inflow and reviewed ASINs (Hazmat + non-hazmat) segregated by channel (FBA/EasyShip) only for IN" and "Classifier FP and FN rates against actual numbers and channel (FBA/EasyShip)" to the new DG metrics. The new DG metrics is in the proposal review stage and I'm currently working on scoping and prioritizing the metrics. Depending on the priority, these metrics will be at least a few months out.

Thanks,
Esther

Esther Han | Business Analyst
206.765.2052 | Dangerous Goods

From: Perla Camps, Regina
Sent: Wednesday, January 27, 2016 7:24 AM
To: Mishra, Sumit; Sharma, Subhash; Han, Esther
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Adding Esther to confirm ☺

Esther, we are working towards removing some additional manual checks for EasyShip classification. We would need the EasyShip Classifier FN rate of the last months to monitor the current accuracy. Sumit apparently sent you a proposal about it. Did you have a chance to work on it or is that something you could help with?

Regards,
Regina

_____

From: Mishra, Sumit
Sent: Wednesday, January 27, 2016 4:20 PM
To: Sharma, Subhash; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Hi Subhash/Regina,

Esther is not presently working on this. Only a proposal was made to here to include this in the WW DG metrics (under the project to metricize the DG space). That will take some time to come out. Meanwhile for the one time report, could Sharath work with Esther to see what best we can get?

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

_____

From: Sharma, Subhash
Sent: Wednesday, January 27, 2016 8:47 PM
To: Perla Camps, Regina; Mishra, Sumit
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Hi Sumit,

Let me know if it is already in progress from Esther's end otherwise I will check with Sharath on the same.

Regards,
Subhash
_____

From: Perla Camps, Regina
Sent: Wednesday, January 27, 2016 8:38 PM
To: Mishra, Sumit; Sharma, Subhash
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Thanks Summit. Did you get Esther confirm she was working on this? Sorry, I can't recall the email.
She or Subhash (our business analyst) are the best ones to work on this.
Regards,
Regina

_____

From: Mishra, Sumit
Sent: Wednesday, January 27, 2016 4:06 PM
To: Perla Camps, Regina; Sharma, Subhash
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Thanks Regina for the below points. I will work on setting up a monthly project flash.

The ASINs that are sent by EasyShip team through tickets are mostly those which are not queued by the classifier for manual review. As the PCA check is in place presently, mostly the non-reviewed ASINs are sent for manual classification through tickets. There might be some duplicates here, however we are working with the EasyShip team to eliminate that.

About the Classifier FP and FN rates (which presently looks like the main driver for most of these projects), we had requested Esther for these against channels (FBA/EasyShip) in the email where we were discussing about the proposed WW DG metrics. The proposed metrics would obviously take some time to be out. Could we get help from Esther or Darshan to get a onetime report of the last quarter or last two months? @Subhash: Alternatively, If Sharath could help with this, it would be great.

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist

WW Dangerous Goods
E: sumitkm@amazon.com

From: Perla Camps, Regina
Sent: Wednesday, January 27, 2016 8:00 PM
To: Sharma, Subhash; Mishra, Sumit
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Sumit, the document was really helpful. Thanks for that.

A few comments on my side:

Project updates:
Sumit, I do not need to be involved on the EasyShip calls, but it would be helpful to receive a biweekly/monthly project flash about where do we stand. I would recommend to create an email alias where stakeholders can subscribe to get all the details. Let me know if you want me to share a few examples or if you need support with that. The 5 points in the "Projects in Pipeline" part of your document are a good starting point. You would just need to assign concrete owners and the milestone breakdown in each point.

About the metrics:
I missed in the document the number of HC currently involved in this manual process, how many ASINs are you reviewing, how many incidents have you had so far. These metrics will help you monitoring the success of this integration and is something you can add in the brief summary of the project flash.
I agree we need to monitor the EasyShip Classifier FN before removing those manual checks. @Subhash, is this something Sharath could help with?

Tech team process:
I will be on point of this to double check with them how they retrain the model when we classify as Hazmat products from the NH sample. I would assume there is no manual input required, but let me double check.
For incident ASINs what we do is to ask Tech team to add them as "Golden ASINs". This is done manually via SIM request. I will check as well this option but I would first like to have the FN rates.

Current process:
I have seen one of the current classification inflows is sent through tickets by the easy ship team. *"These ASINs are picked based on sales rank etc, by the easy ship team".* The Classifier takes into account the last 3 months orders in the priorities for review. How is this different Sumit?

Regards,

Regina

_____
From: Sharma, Subhash
Sent: Wednesday, January 27, 2016 1:31 PM
To: Mishra, Sumit; Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul
Subject: RE: DG India Discussion

Hi Sumit,

Good to see that we are moving in direction of standardizing the easyship process gradually.
As per our last discussion, we have started capturing classifiers disposition for any incorrect
classification. We should be sharing the same each month to PC team which will further raise it
to tech to improve classifier performance.

Appreciate if you can also involve C-Ops for easyship meetings which will further give us the
visibility of upstream processes.

Regards,
Subhash

_____
From: Mishra, Sumit
Sent: Wednesday, January 27, 2016 5:36 PM
To: Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Sharma, Subhash
Subject: RE: DG India Discussion

Hi Regina,

We had a meeting with the EasyShip team today.

The following points were discussed:

1. Disallowing EasyShip orders for Hazmat ASINs for whitelisted categories.
2. Aligning all asins for review through UI based on assessment of the classifiers
   performance-
3. Process to highlight the FN and provide feedback to the classifier team so that the
   classifier can be better trained.
4. Publishing EasyShip specific metrics to gauge the performance of the classifier for
   EasyShip.

For point 2, we want to whitelist the categories gradually. Discussion on to figure the best
possible solution. Point 1 and point 2 would go simultaneously and the EasyShip team have
assessed that the code changes in the order plugin would take around 1-2 weeks preceded by 2
weeks of preparation. The whole process would take around 4 weeks after it is initiated.

However this can only be initiated after a sign-off on business impact is received and Hazmat classifier metrics specific to EasyShip would be the foundation for this. Could you please help us get EasyShip specific classifier metrics including inflow, ASINs queued for review and classifier accuracy. A onetime metrics of Q4 2015 or last two month should suffice.

@ Subhash: Could you please confirm if the process to highlight the FN and provide feedback to the classifier team is already set up?

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com
_____

From: Mishra, Sumit
Sent: Friday, January 22, 2016 8:43 PM
To: Perla Camps, Regina
Cc: Srijan, Shivasheesh; Hoque, Mainul; Sharma, Subhash
Subject: RE: DG India Discussion

<< File: Easy Ship - Review & OM Process & Proejcts.docx >>
Hi Regina,

PFA the EasyShip document with highlights of discussion that are in the pipeline.

Do let me know if any further clarification is required.

Thanks and Regards,

Sumit Mishra | Compliance Investing. Specialist
WW Dangerous Goods
E: sumitkm@amazon.com

-----Original Appointment-----
From: Sharma, Subhash
Sent: Tuesday, January 05, 2016 12:39 PM
To: Sharma, Subhash; Perla Camps, Regina; Srijan, Shivasheesh; Mishra, Sumit; Hoque, Mainul
Subject: DG India Discussion
When: Friday, January 22, 2016 3:30 PM-4:00 PM (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi.
Where: Bridge: 68000 Conference ID = 60474311 Password : 672923

As per India team's availability, rescheduling the meet.

As per Regina's availability, rescheduling the meet.

Hi All,

As requested by Regina during the weekly call, setting up time for discussion regarding IN DG classification.

Regards,
Subhash