

# 2019 Technical Committee Presentation



# Team Acknowledgement

► Thanks to all 2018–19 Technical Committee Members

- Andrew Beattie
  - Andrew Winger
  - Betsy Burton
  - Bill Griffin
  - Brian Beale
  - Bryan Moore
  - Carl Brewer
  - Debby Krissinger
  - Diana Priebe
  - Jon Clarke
  - Joe Kane
  - Keith Schneider
  - Michael Roberts
  - Mike Cutsey
  - Paula Shuter
  - Ricky Carter
  - Rob Smith
  - Steve Belongia
  - Thomas Hasty
  - Tracey Mottley
  - Tracie Hopkins
- 

# Agenda/ Discussion Items

- Website
- Standards
- New Business
- Web Services / API Discussion
- Open Discussion
- Tasks for 2019–20

# Website

- Analytics
- Retired 889/890
- 856 v6.0 & 856 7.0
- Updates for Software Vendors as voting members
- Added 2 new members
- SFTP Requirement

# Website

- Docs & Resources
- Packing List Guidelines
- Online Compliance Matrix Update
- 2018 Minutes
- Updated 870 sample file
- Address Validation

# Standards

- 940 DC-id
- 832 PDD
- 867 Monthly Sales Analysis
- 846 Custom Inventory Fields
- Multiple GTIN Findings

# Other Topics

- Standardized Price List

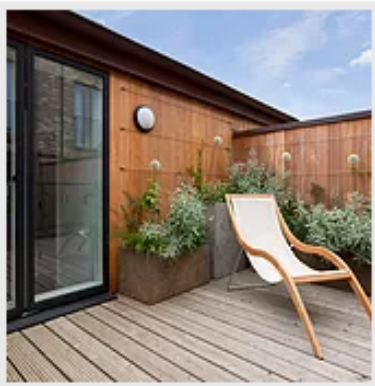
# EASISTstandards.com Website

## ► Site Analytics

- 5th year on Wix site
- 5000 Sessions (same as last year)
- 2000 Users (same as last year)
- 76% New / 24% Returning Visitors
- Top Pages
  - Standards Page, 856, 850, 832, 940, Members, 846
- 10 Support Emails Received + Many Direct Emails to Tech Committee Members
- Newsletter list growth flat (141 – down from 145)

# EASISTandards.com Website

- ▶ Retired 889/890
  - Count/Recounts officially retired as standards
  - Hid page, Removed links
  - Removed from testing site



10-30-2018

RETIRED! The 889 Special Event Count and 890 Special Event Recount have been officially retired from the EASI Standards as voted on by the membership at the 2018 Annual Meeting.

# EASISTandards.com Website

- ▶ Deprecated 856 6.0 & Added 856 7.0
  - Removed v6.0 standard from 856 page
  - Removed v6.0 from testing site

## EASI Mapping Documents

Download the standard: **EASI 856 ASN Standard v7.0**  
*856 v7.0 Adopted 4/20/17.*

Previous version: *856 v6.0 Adopted 4/27/15, but deprecated 04/05/18.*

Download a previous version: EASI 856 ASN Standard v5.0  
*856 v5.0 Adopted 5/19/10.*

Download the sample: EASI 856 ASN v1.0 Sample File

# EASISTandards.com Website

- ▶ Added 856 7.0
  - Updated Standards Page, 856 page, etc
  - Updated EASI Validator
- Added DC ID to Header
- Handle Loop issues – Carton Details
- Added Buyer's PO number to item loop

# EASISTandards.com Website

- ▶ Software Vendors as Voting Members
  - FAQ
  - Steering Committee
  - Join EASI



# EASISTandards.com Website

- ▶ Member List
  - New Members SOCCO Industries & Infocon Systems

## Distributors/Wholesalers

[alphabroder](#)  
[Americana Sportswear](#)  
[American T-Shirt](#)  
[Atlantic Coast Cotton](#)  
[Century Place Apparel](#)  
[Eva Sportswear](#)  
[Heritage Sportswear](#)  
[Mission Imprintables](#)  
[One Stop Inc.](#)  
[S & S Activewear, Inc.](#)  
[SanMar](#)  
[Staton Corporate & Casual](#)  
[Technosport](#)  
[Trimark Sportswear](#)  
[TSC Apparel](#)  
[TSF Sportswear / Atlanta Tees](#)  
[Virginia Tees](#)

## Manufacturers/Suppliers

[A4/Moshay](#)  
[Anvil Knitwear](#)  
[AST Sportswear](#)  
[Augusta Sportswear](#)  
[Badger Sportswear](#)  
[Barry T. Chouinard, Inc.](#)  
[Bella+Canvas/Color Image Apparel](#)  
[BIG Accessories](#)  
[Dynomite](#)  
[Fruit of the Loom/Russell](#)  
[Gildan Activewear](#)  
[Hanes Brands](#)  
[Hartwell Industries](#)  
[LAT Apparel](#)  
[Magic Apparel Group](#)  
[SOCCO Industries \\*NEW\\*](#)

## Software Providers

[eRetailing Associates](#)  
[FastManager](#)  
[FDM4 International Inc.](#)  
[Infocon Systems \\*NEW\\*](#)  
[Timesaver Consulting](#)  
[Tradelogic Software Group](#)  
[UniformMarket](#)  
[VICS](#)  
[Winger Technology Solutions](#)

## Others

[Specialty Graphic Imaging Association](#)

# EASISTandards.com Website

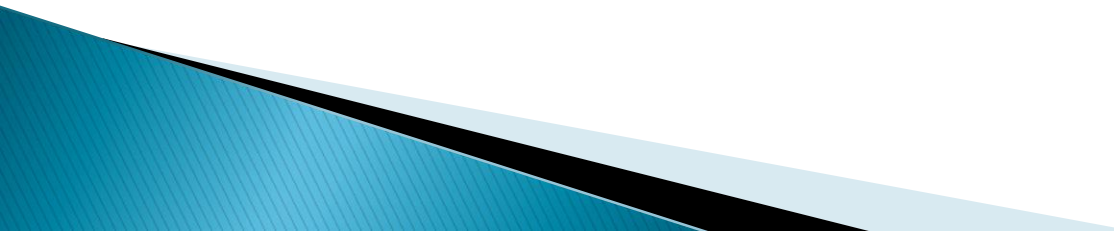
## ► SFTP Requirement

### SFTP Communication

EASI Standards recommends that SFTP be used for all communications.

### Recommendation

In a modern technical business climate where cyber security and digital asset protection are at the forefront of business decisions, it's important that all data is secure, and this includes file transfer and data sharing systems. As a result, the EASI Standards Group is strongly recommending that all EASI communications be moved to SSH File Transfer Protocol, or Secure File Transfer Protocol (SFTP). This time-tested standard technology employs SSH (Secure Shell) to provide encryption of communications between the FTP server and client including both authentication and message traffic. SFTP provides the highest level of protection for data in transit and should be considered without delay.



# EASISTandards.com Website

## ► Docs & Resources – BEFORE

### Documentation and Resources

#### EASI Reference Documents

Commonly required codes and references used in the EASI Standard files.

- [Introduction - EASI EDI 101 Guide](#)
- [Introduction to EASI Presentation](#)
- [EASI Compliance](#)
- [Declaration of Antitrust Policy and Guidelines](#)
- [EASI Group By Laws](#)
- [EASI File Naming Convention Standard](#)
- [EASI Standard Versioning Guidelines](#)
- [Payment Terms Field - Notes](#)
- [Sales Requirements Field - Notes](#)
- [Shipment Method of Payment - Notes](#)
- [Duns Numbers](#) (last revised May 3, 2007)
- [Calculation of Check Digit](#)
- [Country Names and Code Elements](#)
- [Country Code List](#)
- [Currency Code List](#)
- [POS Guidelines](#)
- [Item Cross Reference Maintenance Guidelines](#)
- [EASI Logos](#)

# EASISTandards.com Website

## ► Updated Support Page



### Documentation & Guidelines

Looking for some more general information? Or best practice regarding the standards? - [Click Here](#)



### Test your EASI Files

Use our online/instant Compliance Test Program to certify the correctness of your easi files - [Click Here](#).

For more information download the [CTP Program Guide](#).



### Field References

Looking for some more technical information? Or a Code or Reference used in our Standards - [Click Here](#)



### Logos & Images

To find image and logo resources that you can proudly display on our website - [Click Here](#)

# EASISTandards.com Website

## Documentation and Guidelines

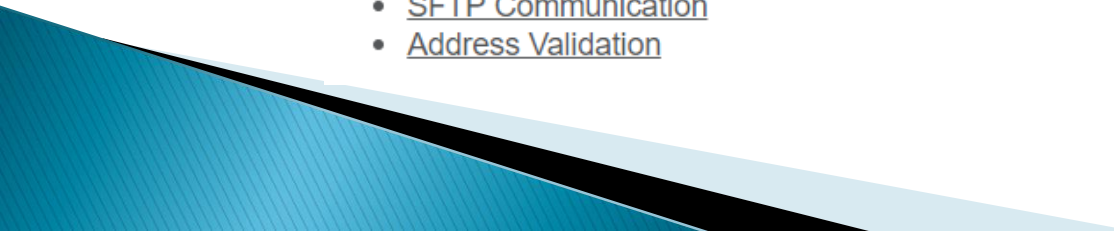
### EASI Reference Documents

Commonly referenced documents regarding the group and the standards

- [Introduction - EASI EDI 101 Guide](#)
- [Introduction to EASI Presentation](#)
- [EASI Compliance](#)
- [Declaration of Antitrust Policy and Guidelines](#)
- [EASI Group By Laws](#)
- [EASI File Naming Convention Standard](#)
- [EASI Logos](#)

### EASI Guidelines

EASI Standards guidelines & best practices

- [EASI Standard Versioning Guidelines](#)
  - [POS Guidelines](#)
  - [Item Cross Reference Maintenance Guidelines](#)
  - [Packing Slip Guidelines](#)
  - [SFTP Communication](#)
  - [Address Validation](#)
- 

# EASISTandards.com Website

## EASI Field References

### EASI Reference Documents

Commonly required codes and references used in the EASI Standard files.

- [Payment Terms Field](#) - Notes
- [Sales Requirements Field](#) - Notes
- [Shipment Method of Payment](#) - Notes
- [Duns Numbers](#) (last revised May 3, 2007)
- [Calculation of Check Digit](#)
- [Country Names and Code Elements](#)
- [Country Code List](#)
- [Currency Code List](#)

### Standard Layout File Reference Codes

Codes found in the EASI Standard layout files.

#### **Required / Optional**

- |     |             |  |
|-----|-------------|--|
| • C | Conditional | Field is dependent on other fields and may or may not be filled. |
| • O | Optional    | Field is optional, filling preferred.                            |
| • R | Required    | Field must be filled.  |

# EASISTandards.com Website

## Packing Slip

EASI Standards recommends that a packing slip be included with all shipments specifically drop ship purchase orders (EASI Standards 940).

### Purpose

The packing slip is designed to help identify when a shipment is received. By recommending a standardized packing slip, this will help the customer receive a packing list that is consistent with the same information each time a shipment is received. The intention of the packing slip is to help the end customer identify what is in a shipment, who the shipment is from, and what purchase order the shipment is for.

### Key Elements

We recommend the packing slip including the following information:

- Ship From Address (The ship from address is the physical address where customer shipments are sent from)
- Ship to Address (The ship-to address is the physical address where customer shipments are sent to).
- Contact name (The appropriate person where a shipment should be sent to in relation to a business)
- Customer PO number (The number that was assigned to the purchase order by the customer). This is Customer PO Number Field#9 on EASI 940 version 4.0. This is listed as an Optional Field.
- Unit of Measure
- Carton Count
- Quantity

Download the sample: [Sample Packing List](#)

# EASISTandards.com Website

## Packing Slip

Ship From Address:		Ship To Address:		Ship Date:		11/9/2018			
Name		Name		Customer ID:		ABC12345			
Company Name		Company Name		Order Date		11/7/2018			
Street Address		Street Address		Cust Po Number		123456	<-This is Customer Po Number Field 9 (Optional)		
City, State ZIP Code		City, State ZIP Code		Contact Name		John Smith			
Phone		Phone							

[illegible]

# Online Compliance Matrix

- Send updates to [webmaster@easistandards.com](mailto:webmaster@easistandards.com) or [thopkins@alphabroder.com](mailto:thopkins@alphabroder.com)
- Received 10 member updates
- Added 2 new members

Business	Company	Envelope	GTIN	Labels	832	856
	CURRENT STANDARD	3.0	1.0	1.0	8.0	7.0
D I S T R I B U T O R	alphabroder	2.0	1.0	1.0	2.0	5.0
	American T-Shirt					
	Atlantic Coast Cotton	2.0	1.0	1.0	5.0	4.0
	Century Place Apparel					
	Golden State Activewear					
	Heritage Sportswear	2.0	1.0	1.0	5.0	4.0
	McCreary's Tees					
	Mission Imprintables, Inc	3.0	1.0	1.0	6.0	5.0
	One Stop Inc.	2.0	1.0		6.0	5.0
	S&S Activewear, Inc	3.0	1.0	1.0	8.0	5.0

# EASISTandards.com Website

## News & Events



05-07-2019

2018 minutes are now available for download:

[2018 Annual Meeting Minutes](#)

## 2018 Annual Minutes

[Download the Minutes](#)

Minutes of the 2018 EASI annual Meeting – Nashville, TN  
April 5, 2018.

Technical and Steering Committee meetings were held from 8:30 am - 9:15 am.

Following these meetings, Rob Smith and Michael Roberts reviewed the past year's monthly checking account statements and financial reports supplied by the Treasurer, Nick Freitag, who was unable to attend the meeting. Rob and Michael examined the records presented and found no irregularities or discrepancies with the accuracy of the books and reporting. They all signed a document stating this fact.

# EASISStandards.com Website

- ▶ 870 Sample File
  - Submitted by James Steward – PVH
  - Correct totals data for consistency

```
|01 870 00 1.0 34579A0005 20030201 120506
02 C0020287 10 20030207 122325 A123456 EA
   20030206
03 1 00707738003265 Partial 7200 2400 4800 20030315
04 20030515 1000 1200 EST
09 20030202 120500 5 4800
```

# EASISTandards.com Website

## Address Validation

EASI Standards recommends that delivery addresses be validated by the purchaser.

## Recommendation

It is the EASI Standards Group's recommendation that the Purchaser be responsible for providing accurate and deliverable ship to address information within the 850/940 Purchase Orders transmitted to the Wholesaler/Seller, and third party address validation services be utilized by the Purchaser to ensure deliverable addresses are provided to the Wholesaler/Shipper.

This recommendation affects the following standards:

[850 Purchase Order](#)

[940 Direct Ship PO](#)



# EASISTandards.com Website

## ▶ Address Validation – 850/940

### Key Elements

- Billing and shipping details
- Shipping period and delivery instructions
- Purchase Order specific details (P.O. Number, P.O. Line Number, P.O. Line Item (GTIN), P.O. Line Unit of Measure, P.O. Line Quantity, P.O. Line Price per Unit, P.O. Line Extended Price)

Note: It is the group's recommendation that the Purchaser be responsible for providing accurate and deliverable ship to address information within the 850 Purchase Orders transmitted to the Wholesaler/Seller, and third party address validation services be utilized by the Purchaser to ensure deliverable addresses are provided to the Wholesaler/Shipper.

# Version Updates – 940 v4.1

- ▶ Store ID changed to Distribution ID

Old:

Store ID	Store ID assigned by Vendor (Mill) to the Buyer's (Distributor's) Distribution Center.
----------	--

New:

Distribution Center ID	DC ID Code assigned by the Vendor (Mill) to their own Distribution Center/Warehouse. DC/Warehouse the Buyer/Distributor is purchasing from.
------------------------	--

- ▶ Field name and definition changed to reflect usage.

# Version Updates – 940 v4.1

- ▶ Comments also modified

Old:

Also known as "Ship To", "Location" or "Warehouse" Code.

New:

Also known as "Ship From", "Location" or "Warehouse" Code. It identifies which of the Vendor's warehouse location the PO should ship from.

- ▶ Change Log

Version 4.1B developed to rename existing store id field to distribution id in order to reflect current usage.

# Version Updates – 940 v4.1



# Version Updates – 832 v9.0

- ▶ New Header Field
  - URL for CPSIA/GCC Declaration
  - Field length limit of 255 characters

7	CPSIA/GCC Declaration in URL	URL Location where CPSIA/GCC Declaration can be found		
http://company.com/GCC	C	AN	8/255	Enter the Url location for where CPSIA/GCC Declaration can be found on the internet

# Version Updates – 832 v9.0

- ▶ New Detail Fields
  - Product Spec File URL
  - Expected Available to Sell Date
  - Also corrected typos in file

50	Product Spec File in URL	URL Location where Product Spec File can be found
51	Expected Available to Sell Date	Date when specific sku will be available to sell from the Seller

http://company.com/Specfile	O	AN	8/255	Enter the Url location for where Product Spec File can be found on the internet
20200915	O	DT	8/8	CCYYMMDD.

# Version Updates – 832 v9.0



# New Standard – 867 v1.0

- ▶ Monthly Sales Analytics Standard
  - Summary of 852 POS
  - Provided on First of Month for Previous Month
  - Total Sold Qty and Return Qty
  - By Store ID by GTIN by Ship to State
- ▶ Replace non-standard reports and reduce customization and manual data handling

# New Standard – 867 v1.0

## ► Header

<b>Header</b>	"01" Code to indicate the Header Section of the document.
<b>Transaction Type</b>	Code uniquely identifying type of transaction set.
<b>Transaction Set Purpose</b>	Code identifies purpose of transaction set.
<b>Version Number</b>	Version of the Embellished Activewear Standards.
<b>Account Number</b>	Account ID assigned by the Vendor (Mill) to the Buyer (Distributor) organization.
<b>Store Id</b>	Store ID assigned by Vendor (Mill) to identify the Buyer's (Distributor's) distribution center.
<b>Begin Date</b>	Beginning date of sales activity for this transmission.
<b>End Date</b>	Ending date of sales activity for this transmission.
<b>Sale Days</b>	Count of days reporting sales.

# New Standard – 867 v1.0

## ► Detail

<b>Detail Section - Loop A</b>	"02" Code to indicate the Detail Section of the document.
<b>Line Item Number</b>	Sequential line item number.
<b>Item Identification - GTIN</b>	GTIN product ID assigned by the vendor (mill) to the SKU.
<b>Customer SKU</b>	Customer Assigned SKU
<b>Delivered to Country Code</b>	The shipping destination country code of the sale for the GTIN.
<b>Delivered to State Code</b>	The shipping destination state code of the sale for the GTIN.
<b>Unit Of Measure</b>	The units of measure is Eaches "EA".
<b>Quantity Sold</b>	Units shipped of the GTIN to the State for this activity period.
<b>Quantity Drop Shipped</b>	Units Drop Shipped of the GTIN to the State for this activity period.
<b>Quantity Returned</b>	Units returned, from the consumer to the wholesaler, of the GTIN from the State for this activity period from the consumer to .

# New Standard – 867 v1.0

## ► Trailer

<b>Trailer Record</b>	Use "09" code to indicate the Trailer Record of the document.
<b>File Creation Date</b>	Date the POS file was created.
<b>File Creation Time</b>	Time the POS file was created.
<b>Total Records</b>	Enter the total of all records transmitted, including the header record, each detail record, and the trailer record.
<b>Total Quantity Sold</b>	Enter the total from each detail record of the Quantities Sold.
<b>Total Quantity Drop Shipped</b>	Enter the total from each detail record of the Quantities Drop Shipped.
<b>Total Quantity Returned</b>	Enter the total from each detail record of the Quantities Returned.

# New Standard – 867 v1.0



# Version Updates – 846 v4.0

- ▶ Add 3 Customer Inventory Fields
  - Use mutually agreed upon by partners
  - Qty may be included in Current Inventory
  - Qty may be in addition to Current Inventory
  - Can facilitate a business need
  - Content/Use not defined by EASI Group
  - Quantity should be in eaches UOM

# Version Updates – 846 v4.0

## ► Fields & description

12	<b>Custom Inventory Level 1</b>	Quantity in units of Eaches "EA" of item available for purchase for custom ATS Qty 1.
13	<b>Custom Inventory Level 2</b>	Quantity in units of Eaches "EA" of item available for purchase for custom ATS Qty 2.
14	<b>Custom Inventory Level 3</b>	Quantity in units of Eaches "EA" of item available for purchase for custom ATS Qty 3.

# Version Updates – 846 v4.0

## ► Comments

Example	Required / Optional	Format	Field Size	Comments
1000	O	N	1/10	This is the quantity available for purchase of Custom Inventory Level 1 as of the last update of this file. Note this quantity can change at any moment. Contents of Custom Inventory Fields, what inventory the qty reflects, is defined by the trading partners.
20000	O	N	1/10	This is the quantity available for purchase of Custom Inventory Level 2 as of the last update of this file. Note this quantity can change at any moment. Contents of Custom Inventory Fields, what inventory the qty reflects, is defined by the trading partners.
3000	O	N	1/10	This is the quantity available for purchase of Custom Inventory Level 3 as of the last update of this file. Note this quantity can change at any moment. Contents of Custom Inventory Fields, what inventory the qty reflects, is defined by the trading partners.

# Version Updates – 846 v4.0



# New Business – Duplicate GTINs

## ▶ Duplicate GTINs

- Issue: Duplicate GTINs provided within a single file or loop.
  - Example: 852 POS – GTIN appearing more than once within a single file (within a single store id)
- Standards do not always specify if GTIN can be repeated
- Common Issue?
- Should the standards be reviewed and usage comments added where appropriate?


# New Business – Duplicate GTINs

## ► Findings

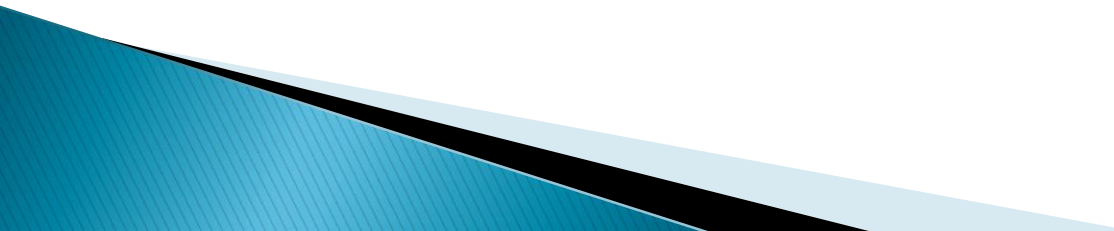
- 852 – Not Specified
- 850 – Not Specified
- 940 – Not Specified
- 810 – Not Specified
  
- 180 – Single GTIN may only appear once in each Detail Loop
- 181 – Single GTIN may only appear once in each Detail Loop

## ► Recommendations

# Standardized Price List

- ▶ Issue getting consistent price lists from vendors
  - ▶ Options:
    - Suggested Standardized Price List Format
    - Change the 832 PDD File Item Price to be a required field
    - Create a new EASI document which essential would be a price list
- 

# 2019–2020 Potential Tech Tasks

- ▶ 888 Item Maintenance
  - ▶ Sample Files – New Versions
  - ▶ API's Phase 1
  - ▶ Step by Step – Website Walkthrough
  - ▶ Webinar or Q&A Open Call
  - ▶ Trading Partner Portal Standard Document  
TPP 1.0
  - ▶ 997 Best Practice
  - ▶ Duplicate GTIN – Action Required?
- 

# 2019–2020 Potential Tech Tasks

- ▶ More?


# 2019/2020 – 888 Item Change

## ▶ 888 Item Maintenance


- Do we need a method to communicate product changes?
  - Case Qty, Weights, Volume
- Companion/Mirror to 832 PDD File
  - Contains just the GTINs changed
  - Contains just the fields changed
  - Receipt of 888 could generate notification of change more appropriately than changing existing 832 processes
- Is resending 832 with Date Revised currently sufficient?
  - Receiver compares new 832 against existing data.

## ▶ Discussion and Determination

# Web Services / API Discussion

- ▶ Complements, Does Not Replace
  - ▶ REST / JSON / OAuth 2.0
  - ▶ API Sub Committee
    - Infrastructure Guidance
    - Documentation
    - API Portal and Gateway
    - Critical Standards
    - Supplemental / Opportunities
  - ▶ Next Steps?
- 

# 2019/2020 – TPP v1.0

- ▶ Trading Partner Portal – v1.0
    - Informational Only
    - Seller and Buyer Provides
    - Web Accessible Partner Information
    - Trading Partner Specific
  
  - ▶ Content Requirements
    - DUNS
    - UCC/GS1 Company Prefix (conditional)
    - Purchaser Account ID (conditional)
    - Store ID's (conditional)
    - DC ID's (conditional)
- 

# 2019/2020 – TPP v1.0

- ▶ Content Requirements (cont'd)
  - EASI Support Contact Name and Email Addresses
    - By Document Preferred (if applicable)
  - FTP Directory Structure (conditional)
  - Active Standards with TP
  - By Standard Processing Schedule
    - Point of Generation
    - Push/Pull Schedule
  
- ▶ Keep on task list?

# Open Discussion

- ▶ Questions
- ▶ New Tech Business

# 2019 Meeting Wrap Up

- ▶ Meeting Review / Feedback
  - ▶ Next Year Location/Timing
- 