



Standard Data Set TSN Discussion

February 2008

Unrestricted Use

*Customs and Border Protection
Modernization
New World, New Tools*

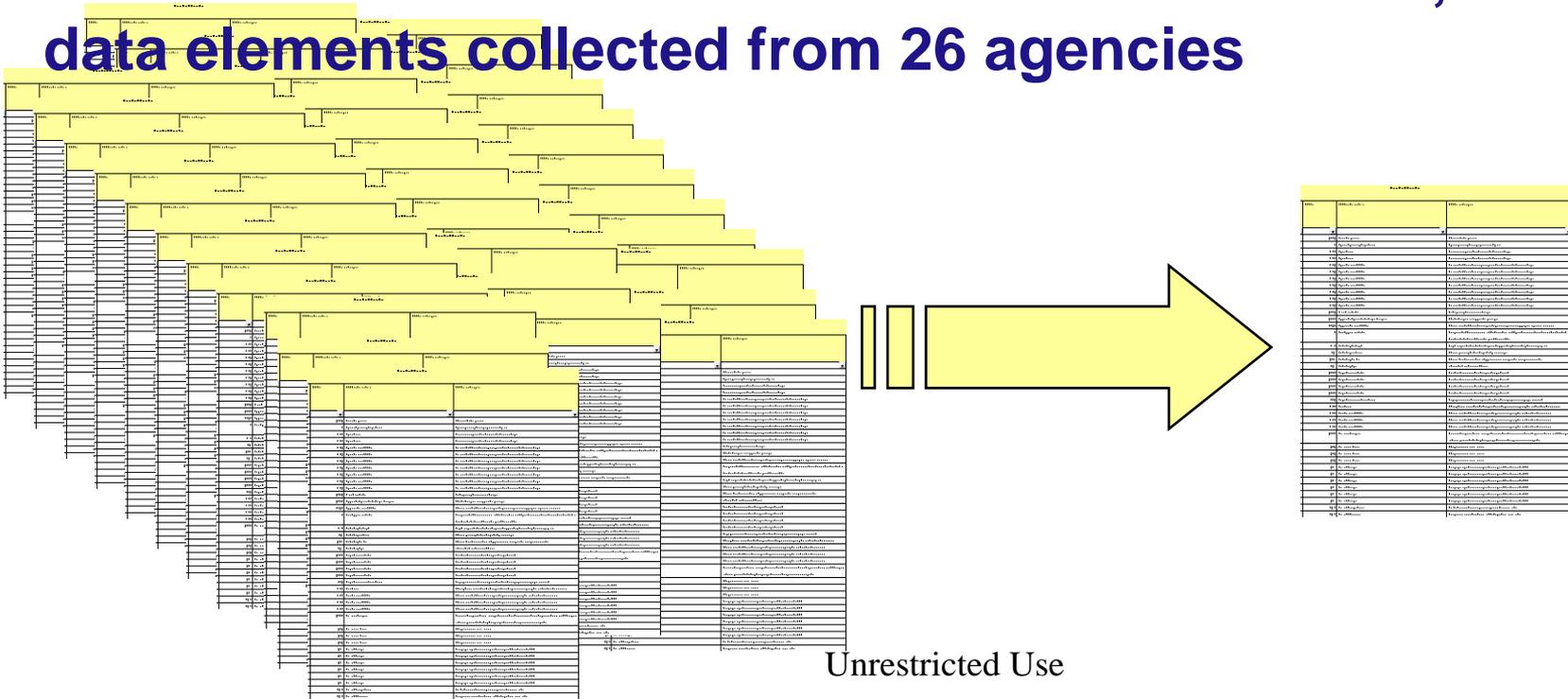
- **Overview of the Standard Data Set (SDS)**
- **Changes in Data Filing**
- **Examples of Changes in Filing Requirements**



Overview of the ITDS Standard Data Set (SDS)

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- The Standard Data Set (SDS) is a comprehensive list of data elements to support the international trade process and U.S. border legal, regulatory, and enforcement responsibilities
- Harmonized to under 400 data elements from 10,000 data elements collected from 26 agencies



- **SDS harmonization process is 95% completed**
- **CITES data not analyzed yet**
- **Mapped SDS to CBP's EDI messages**
 - Identified SDS data elements that are not collected by CBP via EDI messages
- **Mapped SDS to WCO Data Model**
 - Identified SDS data elements that are not on the WCO Model
 - Created and presented data maintenance requests (DMR) to WCO working group
 - Majority of DMRs were accepted by WCO working group; the remaining DMRs are still being reviewed by WCO group
 - Currently participating in WCO working group to harmonize US DMRs with other countries' DMRs

Agricultural Marketing Service, Agriculture

Alcohol and Tobacco Tax and Trade Bureau, Treasury

Animal and Plant Health Inspection Service, Agriculture

Bureau of Alcohol, Tobacco, Firearms and Explosives, Justice

Bureau of Labor Statistics, Labor

Bureau of Transportation Statistics, Transportation

U.S. Census Bureau, Commerce

Consumer Product Safety Commission

Customs and Border Protection, Homeland Security

Environmental Protection Agency

Federal Aviation Administration, Transportation

Federal Communications Commission

Federal Maritime Commission

Federal Motor Carrier Safety Administration, Transportation

Food and Drug Administration, Health and Human Services

Food Safety and Inspection Service, Agriculture

Foreign Trade Zones Board, Commerce

U.S. Fish and Wildlife Service, Interior

Internal Revenue Service, Treasury

International Trade Administration, Import Administration, Commerce

International Trade Commission

Maritime Administration, Transportation

National Highway Traffic Safety Administration, Transportation

National Marine Fisheries Service, Commerce

Office of Foreign Assets Control, Treasury

U.S. Army Corps of Engineers, Defense

**Bureau of Administration, Office of Logistics
Management, State**

Bureau of Industry and Security, Commerce

Bureau of Ocean and Scientific Affairs, State

**Centers for Disease Control and Prevention, Health
and Human Services**

U.S. Coast Guard, Homeland Security

Directorate of Defense Trade Controls, State

Drug Enforcement Administration, Justice

Federal Highway Administration, Transportation

Foreign Agricultural Service, Agriculture

**Grain Inspection, Packers and Stockyards
Administration, Agriculture**

Office of the Director of National Intelligence

Office of Fossil Energy, Energy

**Pipeline and Hazardous Materials Safety
Administration, Transportation**

Nuclear Regulatory Commission

Office of Diplomatic Security Foreign Missions, State

- **Although there are some additional data elements that will need to be filed electronically, that doesn't translate directly to new data filings by the Trade**
 - This data is already filed on paper if not electronically - it is filed with the agencies and not through CBP
 - The same data will no longer have to be filed with multiple agencies
 - What constitutes the “same data” is being expanded through harmonization
 - The only new data is the addition of “qualifiers”

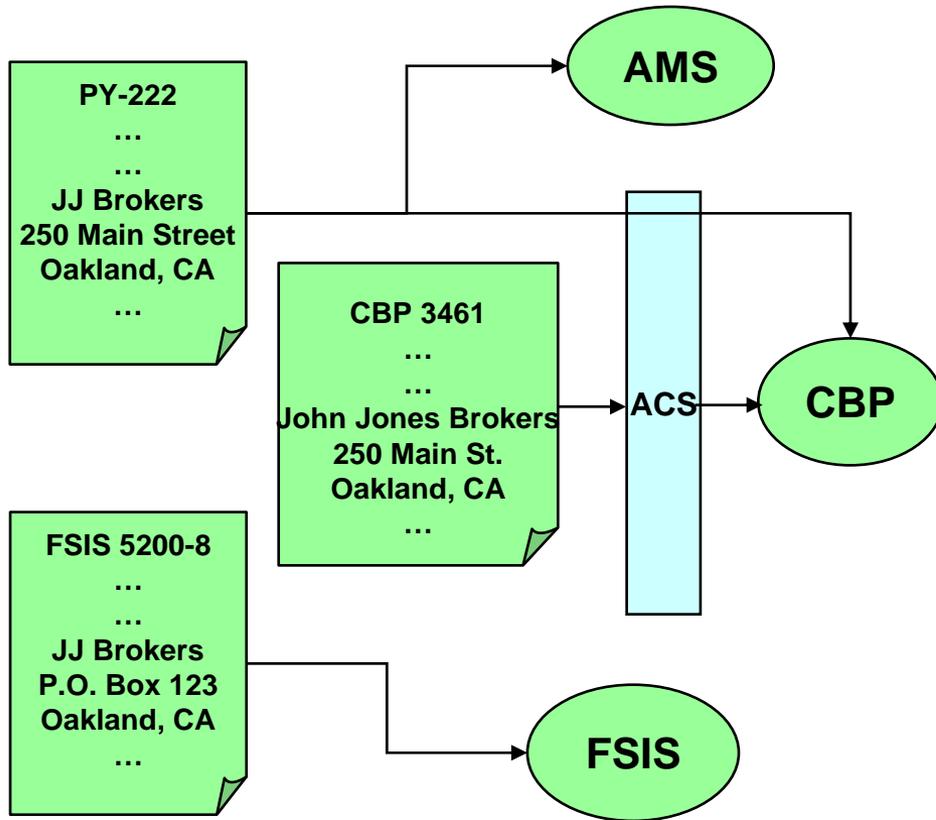
- The qualifier is used to describe the type of element
- It is filed along with the actual data element

Data Element	Qualifier	Examples of values
Commodity Unique Identifier A124506DC	Commodity Unique Identifier Qualifier CN	Chassis Number, Engine Number, Tag Number Chassis Number
Commodity Name Citrus sinensis	Commodity Name Qualifier BN	Botanical Name, Brand Name, Common Name Botanical Name
Bill of Lading Number UNKN4102945	Bill of Lading Type MB	Master Bill of Lading, House Bill of Lading, Sub house Bill of Lading Master Bill
Commodity Characteristic Blue	Commodity Characteristic Qualifier CO	Blend, Color, Condition, Grade, Gender, Strain Color

- **Currently an importer might have to file with an entry of eggs:**
 - **Broker Name and Address with CBP**
 - **Broker Name and Address with AMS on PY-222**
 - **Broker Name and Address with FSIS on 5200-8**
- **Under ACE, the importer will file Broker ID once with ACE/CBP, and the agencies requiring name and address information will obtain it based on the ID (assuming the ID is in ACE)**

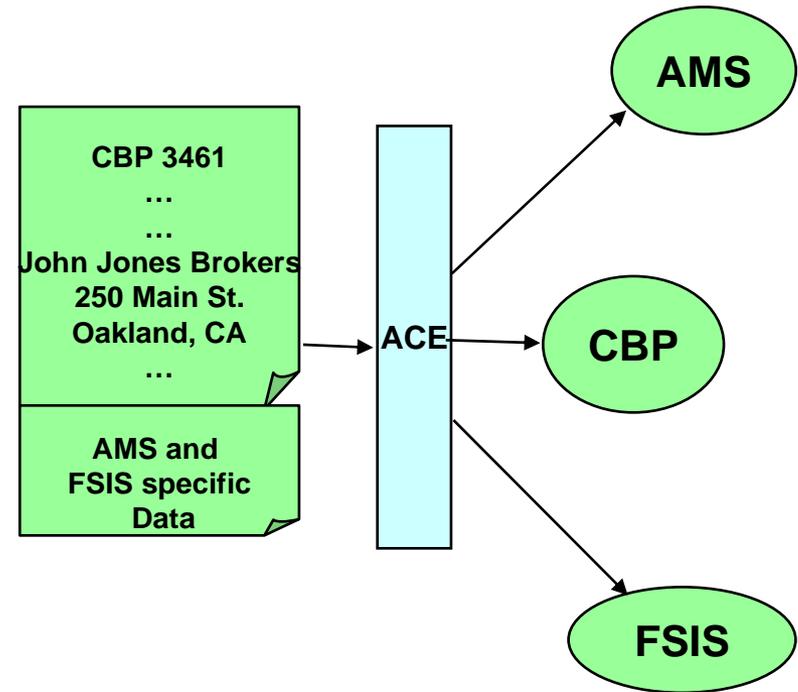
What's Different?

NOW



ITDS

Under ACE



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- **Some PGA data reporting will require multiple instances of one data element**
- **For example:**
 - **Two data elements will be required to specify origin**
 - ◆ **Source Country Code**
 - ◆ **Source Location Code Type**
 - **But there may be a need for more instances of each element for a particular commodity for different agencies, for example:**



Source Country Code	Source Location Code Type	Receiving Agencies
France	Country of Origin for Tariff	CBP
Greece	Country of Processing	AMS, FSIS, FWS
Saudi Arabia	Country of Production	AMS, FDA, FWS

- **The result in this example is six pieces of data that will be used by five agencies**

This element is required from the filer	To represent this information	For this agency
Commodity Name	Product Brand Name	Agency A
Commodity Name	Common Name	Agency B
Commodity Intended Use Code	Animal Feed	Agency A
Commodity Intended Use Code	Charity	Agency C

ACE will Determine Who Gets What Based on Rules

Filer sends:

Source Country Code: FR
 Source Location Code Type: Country of Origin for Tariff
 Source Country Code: IT
 Source Location Code Type: Country of Processing
 Source Country Code: SA
 Source Location Code Type: Country of Raw Material
 Commodity Name: Citrus sinensis
 Commodity Name Type: Botanical Name
 Commodity Characteristic: Orange
 Commodity Characteristic Qualifier: Color
 Conveyance Crew Member Identifier: 123-45-6689
 Identifier Qualifier: SSN



Agency Receives:

Source Country Code: FR
 Source Location Code Type: Country of Origin for Tariff
 Source Country Code: IT
 Source Location Code Type: Country of Processing
 Source Country Code: SA
 Source Location Code Type: Country of Raw Material
 Commodity Name: Citrus sinensis
 Commodity Name Type: Botanical Name
 ...



Source Country Code: FR
 Source Location Code Type: Country of Origin for Tariff
 Source Country Code: IT
 Source Location Code Type: Country of Processing
 Commodity Name: Citrus sinensis
 Commodity Name Type: Botanical Name
 ...



Conveyance Crew Member Identifier: 123-45-6689
 Identifier Qualifier: SSN
 ...



- **The Trade will file PGA-required data differently**
- **Not all elements are required with every filing**
 - **Filing requirements are based on the particular commodity being imported**
- **The Trade will file the data with ACE/CBP, and ACE will make it available to the appropriate agency/agencies**
 - **Via queries from the portal**
 - **Via reports**
 - **Via extracts**
- **The Trade will not have to keep the data consistent among agencies since it will be transmitted just once**
- **If there are errors in the message, the Trade will only have to correct one message**

