iEdison Invention, Patent, and Utilization (IPU)

Bulk Upload v2.5 Specifications and Examples

April, 7th , 2025

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

National Institute of Standards and Technology
U.S. Department of Commerce

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Revision History

Version	Date	Description of Change
2.1	06/04/2023	Updated Section 11.9 Country List
2.1	06/10/2024	Fixed accessibility issues
2.2	09/24/2024	Updated for Utilization, Version 3
2.3	11/07/2024	Added note that users must user the UI to update Foreign Filings from the same country on the same date.

National Institute of Standards and Technology
U.S. Department of Commerce

1 Scope

This document describes the prerequisites, data elements, and file formats for the invention, patent, and utilization (IPU) bulk upload process, Version 2.2. The requirements for utilizations are only applicable to submissions made after 2023.

2 File and Data Format

Any organization may take advantage of this bulk upload service. However, organizations who want to utilize the bulk upload service first need to make sure that they have "Enable Bulk Upload" checked in their iEdison organization profile. Once an organization has bulk upload enabled, the system only requires that the information be transferred to the iEdison format in plain (ASCII) text.

Note: Max. upload file size is 4MB

The bulk upload file content is generally constructed as a sequence of data element name-value pairs as presented below.

data element name 1=^^data element value^^ data element name 2=^^data element value^^
data element name 3=^^data element value^^ data element name 4=^^data element value^^

. . . .

. . . .

. . . .

data element name n=^^data element value^^

Note: The data elements must be provided in a specific format and same sequence.

The first line of the bulk upload file must contain the predefined value **PRODUCTION**. Refer to examples in Section 5.

3 Upload and Process

Once the data to be transmitted is in the proper format within a file on your local computer, you can upload your file to the iEdison system.

Method:

- Login to the iEdison System
- Navigate to the main menu and under "Bulk Upload," click on "Bulk Upload."
- The Bulk Upload page will load.
- Click on the "New Upload" button in the top right corner.

- Using the "Open" dialog box, select a file you want to upload and click the "Open" button to upload the document.
- Your file has been uploaded and will be processed shortly. The results of the upload will be shown when you click on the "View Summary" link and will be emailed to you/your organization administrator when complete.

4 Data Elements and Details

This section documents the invention, patent, and utilization data element name, data type/size, required, and description and explanation in the following sections. Each of the tables contains the data elements for the invention, patent, or utilization report. The table header contains the name of the data element, the data format and size, the data element status, groups, value selection lookups, and repeats. The definitions of the matrix header column titles are listed below.

- **Data Element Name** – this column contains the name of the data element to be used in the bulk upload file.
- **Type/Size** – this column contains the data element accepted content type and size. The element data types are defined below.
  - **Text** – this accepts a string with a character and/or numeric values, with a length up to specified maximum size.
  - **Numeric** – this accepts only numeric values.
  - **Date** – this accepts a date with the format MM/DD/YYYY (ex: 01/20/2023).
  - **Lookup** – this accepts a predefined value from a given list.
- **Required on New** – this column contains the flag Yes or No to indicate if the data element value is required when creating a new record with the Bulk Upload feature.
  - **Yes** – the data element must have a value in the file content when creating a record.
  - **Yes (Conditionally)** – the data element must have a value in the file content when certain other data element values are provided while creating a record.
  - **No** – the data element is optional when creating a record.
- **Required on Update** – this column contains the flag of Yes or No to indicate if the data element value is required when updating a new record with the Bulk Upload feature.
  - **Yes** – the data element must have a value in the file content when updating a record.
  - **No** – the data element is optional when updating the record. (Noted: provide the data element name and value that need update)
- **Description/Explanation** – this column contains the description, conditionally required field rules, and data reference.

4.1 Invention Data Element and Details

This section contains the data elements and details for an Invention record. Refer to the Section 5 for sample upload files.

Data Element Name	Type/Size	Required on New	Required on Update	Description/Explanation
EIR.DocketNum	Text/30	Yes	Yes	The institute's internal tracking number for the EIR. This Docket number is unique per invention for the grantee/award organization.
EIR.PrimaryAgency	Lookup	Yes	No	The government agency which receives administrative reports and acts as "the government" in responding to and inputting dates of receipt of documents. This is a lookup field; refer to Section 6.1 for a list of available abbreviation values to use.
EIR.Title	Text/100	Yes	No	Title of the invention as it appears on the Invention Report.
EIR.DisclosurDate	Date			The date the invention was disclosed.
EIR.ParentDocketNum	Text/30	No	No	The institute's internal tracking number for the EIR's parent.
EIR_Grants.Agency	Lookup	Yes	No	Name of the agency that has contributed funds to the invention. This is a lookup field; refer to Section 6.1 for a list of accepted values.
EIR_Grants.GrantNum	Text	Yes	No	Number used to identify a specific grant that was awarded to an organization.
EIR_Inventor.FirstName	Text/80	Yes	No	Last name of inventor of invention.
EIR_Inventor.LastName	Text/80	Yes	No	First name of inventor of invention.
EIR_Inventor.MI	Text/30	No	No	Middle initial of inventor of invention.
EIR.EIRStatus	Lookup	No	No	The status of the Title Election. This is a lookup field; refer to Section 6.4 for a list of accepted values.
EIR.NotElectReason	Lookup	Yes(conditional)		If EIR Status is "Does Not Retain Title" then this field is required. This is a lookup field; refer to Section 6.44.1 for a list of accepted values.

Data Element Name	Type/Size	Required on New	Required on Update	Description/Explanation
EIR.NotElectOtherReason	Text/2000	Yes(conditional)		If EIR.NotElectReason is selected as Other, then this text field is required to be populated with Other reason
EIR.Notes	Text/500	No	No	Note added to the Invention Report to explain any discrepancies.
EIR_Keyword.Keyword	Text/80	No	No	One or more keywords to enable an organization to designate key terms for searching and categorizing Invention Reports.
EIR.DispositionStatus	Text/255	No	No	The Invention Disposition status which is the decision of the primary agency as to how to proceed with the technology. Refer to https://www.nist.gov/iedison/iedison-organization-user-guide/getting-started/iedison-field-definitions#invention-disposition for a list of valid values.
EIR.VoidDispositionStatus	Text/500	No	No	The reason from the primary agency for voiding the Invention report.The reason will be added to the system as an Explanatory Notes in the Invention report.

Table 4-1: Invention Data Elements

4.2 Patent Data Element and Details

This section contains the data elements and details for a Patent record. To create or update a Patent Report, the Bulk Upload file content must contain the EIR.DocketNum to indicate the Invention Report and be located above the patent data element fields in the file. Without the EIR.DocketNum, the system will not be able to associate the Patent Reports to the correct invention and will return an error message to indicate the missing EIR.DocketNum.

Below is information related to Foreign Filings:

- Patent Offices can be used as a Foreign Filing country.
- The value for the Foreign Filing status is NOT case-sensitive.
- The Patent Foreign Filing Date format is MM/DD/YYYY.
- The system can accept multiple new foreign filing at once. However, if there are any existing Foreign Filings in the Patent record, the system will display a validation error and direct the user

to use the iEdison user interface to update Foreign Filings. The user cannot update Foreign Filing information if there are any existing Foreign Filings. The user must go to the iEdison application to make any updates.

If there is an existing Foreign Filing in the Patent record	Submit and update request with the following Foreign Filing(s)	Result in iEdison
Country A	Country A Country B	Returns an error message stating any updates (add, modify, or delete) of Foreign Filings must be completed in the UI.
Country A	None	No updates or changes.
None	Country A Country B	Add Country A and Country B to the Foreign Filing list.
None	None	No updates or changes.

Table 4-2: Rules for Updating Foreign Filings Using Bulk Upload

Below are the data elements for a Patent record.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
Patent.PatDocketNum	Text/30	No	Yes	iEdison unique number used to identify a Patent Report.
Patent.PatentTitle	Text/255	Yes	No	The title of the patent as it appears on the Patent Report.
Patent.NonProvAppNum	Numeric	No	No	Non-Provisional Patent Application Number.
Patent.NonProvAppDate	Date	No	No	Non-Provisional Patent Application Date.
Patent.ProvAppNum	Numeric	No	No	Provisional Patent Application Number for the Patent Report
Patent.ProvAppDate	Date	No	No	Provisional Patent Application Date for the Patent Report
Patent.PCTNum	Numeric	No	No	PCT Application Number for the Patent Report
Patent.PCTFileDate	Date	No	No	PCT Application Date for the Patent Report
Patent.PatentNum	Numeric	No	No	The patent number assigned by the Patent and Trademark Office.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
Patent.PatentDate	Date	No	No	The date that the patent number was given.
Patent.ExpireDate	Date	No	No	Expiration Date for the Patent Report
Patent.TypeOfApplic	Lookup	No	No	The type of patent as it appears on the Patent Report
Pat_Inventor.FirstName	Text/80	Yes	No	First name of an inventor of a Patent Report.
Pat_Inventor.LastName	Text/80	Yes	No	Last name of an inventor of a Patent Report.
Pat_Inventor.MI	Text/30	No	No	Middle initial of an inventor of a Patent Report.
Pat_ForeignFiling.Country	Lookup	No	No	Country of foreign filing **Note**: If the patent has existing foreign filings, users cannot update the Foreign Filing information from the same country on the same date. Users must use the UI to update foreign filing information.
Pat_ForeignFiling.Status	Lookup	No	No	Status of foreign filing **Note**: If the patent has existing foreign filings, users cannot update the Foreign Filing information from the same country on the same date. Users must use the UI to update foreign filing information.
Pat_ForeignFiling.Date	Date	No	No	Filing date of foreign filing **Note**: If the patent has existing foreign filings, users cannot update the Foreign Filing information from the same country on the same date. Users must use the UI to update foreign filing information.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
Patent.Notes	Text/500	No	No	Additional information added to the Patent Report to explain any discrepancies.
Patent.DispRightsReq	Text/80	No	No	The request by the user of the disposition of the invention if they don't want to prosecute it until it expires. * **This field has been retired and will be ignored by the Bulk Upload. Institutions are required to use the UI to submit a request of Void, Assignment, Transfer.**

Table 4-3: Patent Data Elements

4.3 Utilization Data Element and Details

This section contains the data elements and details for uploading Utilization Reports with fiscal reporting year 2023 and beyond. To create or update a Utilization Report, the Bulk Upload file must contain the EIR.DocketNum to indicate the Invention Report and be located above the utilization data element fields in the file. If there is no EIR.DocketNum, the system will not be able to associate the utilization to the correct invention and will return an error message. Refer to the Section 5 for sample upload files.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
Utilize_New.FiscalYear	Numeric/ 4	Yes	Yes	The Fiscal Reporting Year (YYYY) for a utilization record. This is a 4 digit year starting with 2023 and beyond. Each invention record can only have one utilization report per reporting year.
Utilize_New.LatestStageDev	Lookup	Yes	No	The Development Stage of any products related to this Invention (EIR) for the current year. Refer to Section 6.10 for a list of accepted values.
Utilize_New.Utilization.Licensee.Name	Text/255	Yes	Yes	The name of the licensee. The name must be unique.
Utilize_New.Utilization.Licensee.ExclusiveCount	Numeric	Yes (ExclusiveCount and NonExclus	Yes	The number of exclusive licenses/option agreements that were active for the Invention in the designated reporting period.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
		iveCount cannot both be zero)		This number must be zero or greater.
Utilize_New.Utilization.Licensee.NonExclusiveCount	Numeric	Yes (ExclusiveCount and NonExclusiveCount cannot both be zero)	Yes	The number of non-exclusive licenses/option agreements that were active for the Invention in the designated reporting period. This number must be zero or greater.
Utilize_New.Utilization.Licensee.IsSmallBusiness	Text/1	No (Defaults to "N")	No (Defaults to "N")	Indicates if the licensee is designated as a small business. Accepted values are: • N = Not a small business • Y = Is a small business This is required if Utilize_New.FiscalYear is greater than or equal to 2024 and optional if Utilize_New.FiscalYear = 2023
Utilize_New.SmallBusLicensesOptions	Numeric	Yes for 2023 and prior and ignored for 2024 and beyond	No	This is the value for the question "In the designated reporting period, how many licenses and/or options of any type to small businesses (as defined by relevant SBA regulations) are or were active?" This is required if LatestStageDev has a value of "Commercialized" or "Licensed". The value can be greater than or equal to zero. • If Utilize_New.FiscalYear = 2023 and prior and a value is entered, the value will persist in the utilization record. • If Utilize_New.FiscalYear is greater than or equal to

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				2024, this value will automatically be calculated
Utilize_New.FirstCommSaleYear	Numeric	Yes (Conditionally)	No	This is the 4 digit calendar year for the question "What was the calendar year of the first commercial sale?" This is required if LatestStageDev has a value of "Commercialized"
Utilize_New.TotalIncome	Numeric	Yes (Conditionally)	No	This is the value for the question "In the designated reporting period, what was the total gross income received because of license or option agreements? Do not include specific patent cost reimbursements.". This is required if LatestStageDev has a value of "Commercialized" or "Licensed". The value can be greater than or equal to zero.
Utilize_New.CommercializationPlanId	Lookup	Yes (Conditionally)	No	This is the value for the question "What are your current commercialization plans for this invention?" This data element is required if LatestStageDev has a value of "Not Licensed or Commercialized" only. Refer to Section 6.14 for a list of accepted commercialization plans in the Value column.
Utilize_New.Notes	Text/1000	Yes (Conditionally)	No	Note added to the Utilization Report. This is required if CommercializationPlanId has a value of 3 or 6.
Utilize_New.IsUSManufacturingRequired1	Text/1 (Y or N)	Yes (Conditionally)	No	This is the value for the question "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?"

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				This data element is required only if LatestStageDev = "Commercialized" or "Licensed." This is data element accepts value of Y or N.
Utilize_New.IsUSManufacturingRequired2	Text/3 (Y, N, or N/A)	Yes (Conditionally)	No	This is the value for the conditional question based on the LatestStageDev and the IsUSManufacturingRequired1. If LatestStageDev = "Commercialized" or "Licensed" and IsUSManufacturingRequired1 is one of the following: • If IsUSManufacturingRequired1 element has value of N, this data element is for the question "In the designated reporting period, do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?" This data element accepts Y, N, or N/A value. • If IsUSManufacturingRequired1 element has value of Y, this data element is for the question "In the designated reporting period, do all licenses include a

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?" This data element accepts Y, N, or N/A value.
Utilize_New.IsUSManufacturingRequired3	Text/3 (Y, N, or N/A)	Yes (Conditionally)	No	This is the value for the conditional question based on the LatestStageDev and the IsUSManufacturingRequired1. If LatestStageDev has value of "Commercialized" and IsUSManufacturingRequired1 is one of the following: • If IsUSManufacturingRequired1 element has value of N, this element is for the question "In the designated reporting period are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States for all grants to any person having the exclusive right to use or sell the subject invention in the United States as required by 35 U.S.C. 204?" This data element accepts Y, N, or N/A value.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				• If LatestStageDev has value of "Commercialized" and IsUSManufacturingRequired 1 element has value of Y, this element is for the question "In the designated reporting period, are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?" This data element accepts Y, N, or N/A value.
Utilize_New.NewUsJobs	Numeric	Yes (Conditionally)	No	This is the value for the DOE specific question "Approximate number of new US-based jobs created because of commercialization efforts during the reporting period." This is required if the Invention Report has DOE as one of the funding agencies. The value can be greater than or equal to zero.
Utilize_New.NewUsCompanies	Numeric	Yes (Conditionally)	No	This is the value for the DOE specific question "Number of new US-based companies created from the commercialization efforts during the reporting period." This is required if the Invention Report has DOE as one of the funding agencies. The value can be greater than or equal to zero.
Utilize_New.ProductName	Text/100	Yes (Conditionally)	Yes (Conditionally)	This is the value for the commercial product name if the LatestStageDev = 'Commercialized" only. The product name must be unique

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				in the Utilization Report. The same product name cannot be used more than one time in a Utilization Report.
Utilize_New.NaicsCode	Text/6	No	No	This is the value of the North American Industry Classification System (NAICS) code for the commercial product. This data element is optional if DOE is one of the funding agencies for the Invention Report.
Utilize_New.LicenseeName	Text/255	Yes (Conditionally)	No	This is the value for the licensee name for the commercial product. Each commercial product must have one or more licensee name. Multiple rows can be added below the Utilize_New.ProductName data element to add multiple licensees. This is required if a product name is provided in the Utilization Report.
Utilize_New.ManufacturerName	Text/255	Yes (Conditionally)	Yes (Conditionally)	This is the value for the manufacturer name. Each product-licensee association can have multiple manufacturers. This is required if LicenseeName is provided in the commercial product.
Utilize_New.ManufacturerLocationCountry	Lookup	Yes (Conditionally)	No	This is the value for the country where the product was manufactured. Each manufacturer can have one or more countries. This is required if ManufacturerName is provided. Refer to Section 6.6 for the list of accepted values. The value 'none' can be used if the country name is not in the list.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
Utilize_New.ManufacturerLocationState	Lookup	Yes (Conditionally)?	No	This is the value for the United States state name or United States territory name where the product was manufactured. Each manufacturer can have one or more states/territories. This is required if Country is UNITED STATES. Refer to Section 6.5 for a list of accepted values.
Utilize_New.ProductQuantity	Numeric	Yes (Conditionally)	No	This is the value for the total number of products manufactured at a location. This data element is required if DOE is one of the funding agencies for the Invention Report this utilization is associated with.
Utilize_New.FirstDate	Date	Yes (Conditionally)	No	This is for the first date of manufacturing for the product. This data element is required if DOE is one of the funding agencies for the Invention Report this utilization is associated with.
Utilize_New.FirstDateType	Lookup	Yes (Conditionally)	No	Indicates if the first date of manufacturing is the actual or expected date.
Utilize_New.CommercialName	Text/80	Yes (Conditionally)	No	This is the product name for the FDA approved commercial product utilizing this invention. There can be zero to many FDA approved commercial productions for each utilization. This data element is required if adding a new commercial product and NIH is one of the funding agencies for the Invention Report this utilization is associated with.

Data Element Name	Type/Size	Required on Create	Required on Update	Description/Explanation
				This data element should be listed after the Licensees.
Utilize_New.FdaApprovalNumber	Text/20	No	No	This is the FDA approve number for the FDA approved commercial product. This is an optional data element. If this is used, it must be below the Utilize_New.CommercialName data element.
Utilize_New.FdaApprovalType	Lookup	No	No	This is the FDA approve type for the FDA approved commercial product. This is an optional data element. If this is used, it must be below the Utilize_New.CommercialName data element. Refer to Section 6.13 for a list of accepted values.
Utilize_New.GovtReviewStatus	Lookup	No	No	This is the government review status to indicate if the commercial name is FDA approved, rejected, or pending. This is an optional data element. If this is used, it must be below the Utilize_New.CommercialName data element. Section Government Review Status6.12 for a list of accepted values.
Utilize_New.PublicInd	Text/1 (Yes or No)	No	No	Indicates if FDA approved for public use or not. • No = The FDA approved product will not appear on a publicly available list of products. • Yes = The FDA approved product will appear on a publicly available list of products.

Table 4-4: Utilization Data Elements

The utilization report has conditional data element fields that are required based on the provided development stage (Utilize_New.LatestStageDev) and the funding agencies for the invention which the utilization is associated with. The following sections document the conditional data elements that are required/optional.

4.3.1 Development Stage as "Not Licensed or Commercialized"

When creating a Utilization Report with Development Stage as "Not Licensed or Commercial," the data element fields are the same for all the funding agencies except NIH and DOE. Below is a list of the data element names that are supported for the bulk upload. If the file content includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.CommercializationPlanId
- Utilize_New.Notes

4.3.2 Development Stage as "Not Licensed or Commercialized" and with Funding from NIH

When creating a Utilization Report with Development Stage as "Not Licensed or Commercial" and the invention has funding from NIH, the data element fields have additional FDA approved commercial product fields. Below is a list of the data element names that are supported for the bulk upload. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.CommercializationPlanId
- Utilize_New.Notes
- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd

4.3.3 Development Stage as "Not Licensed or Commercialized" and with Funding from DOE

When creating a Utilization Report with Development Stage as "Not Licensed or Commercial" and the invention has funding from DOE, the data element fields have additional DOE supplemental question fields. Below is a list of the data element names that are supported for the bulk upload. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.CommercializationPlanId
- Utilize_New.Notes
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

4.3.4 Development Stage as "Not Licensed or Commercialized" and with Funding from NIH and DOE

When creating a Utilization Report with Development Stage as "Not Licensed or Commercial" and the invention has funding from NIH and DOE, the data element fields have additional FDA approved commercial product fields and the DOE supplemental question fields. Below is a list of the data element names that are supported for the bulk upload. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.CommercializationPlanId
- Utilize_New.Notes
- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

4.3.5 Development Stage as "Licensed"

When creating a Utilization Report with Development Stage as "Licensed," the data element fields are common for all funding agencies except for NIH and DOE. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness

- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person of the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"
- Utilize_New.Notes

4.3.6 Development Stage as "Licensed" and with Funding from NIH

When creating a Utilization Report with Development Stage as "Licensed" and the invention has a funding from NIH, there are additional FDA approved commercial product fields supported on top of the common fields. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products

embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"

- If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"

- Utilize_New.Notes
- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd

4.3.7 Development Stage as "Licensed" and with Funding from DOE

When creating a Utilization Report with Development Stage as "Licensed" and the invention has a funding from DOE, there are additional DOE Supplemental question fields supported on top of the common fields. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"

- If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"

- Utilize_New.Notes
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

4.3.8 Development Stage as "Licensed" and with Funding from NIH and DOE

When creating a Utilization Report with Development Stage as "Licensed" and the invention has a funding from NIH and DOE, there are additional FDA approved commercial product fields and DOE Supplemental question fields supported on top of the common fields. If the file includes any data element fields not listed below, the values for the extra data elements will not be imported to the system. Refer to Table 4-4 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"
- Utilize_New.Notes

- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

4.3.9 Development Stage as "Commercialized"

When creating a Utilization Report with Development Stage as "Commercialized," the data element fields are different depending on the funding agencies for the invention. If there is no funding from DOE or NIH, the DOE or NIH specific data elements are not needed. This section contains a list of data elements which can be use in this case. Refer to Table 4-4 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"
- Utilize_New.IsUSManufacturingRequired3
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, are all products embodying the subject invention or

produced through the use of the subject invention manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
    - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States for all grants to any person having the exclusive right to use or sell the subject invention in the United States as required by 35 U.S.C. 204?"
- Utilize_New.FirstCommSaleYear
- Utilize_New.ProductName
- Utilize_New.LicenseeName
- Utilize_New.ManufacturerName
- Utilize_New.ManufacturerLocationCountry
- Utilize_New.ManufacturerLocationState
- Utilize_New.Notes

4.3.10 Development Stage as "Commercialized" and Has Funding with NIH

When creating a Utilization Report with Development Stage as "Commercialized" and the invention has a funding from NIH, there are additional FDA-approved commercial product fields. This section contains a list of data elements which can be use in this case. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
    - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
    - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"

- If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"

- Utilize_New.IsUSManufacturingRequired3
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States for all grants to any person having the exclusive right to use or sell the subject invention in the United States as required by 35 U.S.C. 204?"
- Utilize_New.FirstCommSaleYear
- Utilize_New.ProductName
- Utilize_New.LicenseeName
- Utilize_New.ManufacturerName
- Utilize_New.ManufacturerLocationCountry
- Utilize_New.ManufacturerLocationState
- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd
- Utilize_New.Notes

4.3.11 Development Stage as "Commercialized" and Has Funding with DOE

When creating a Utilization Report with Development Stage as "Commercialized" and the invention has a funding from DOE, there are additional DOE Supplemental question fields and DOE unique commercial product fields. This section contains a list of data elements which can be use in this case. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness

- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"
- Utilize_New.IsUSManufacturingRequired3
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States for all grants to any person having the exclusive right to use or sell the subject invention in the United States as required by 35 U.S.C. 204?"
- Utilize_New.FirstCommSaleYear
- Utilize_New.ProductName
- Utilize_New.LicenseeName
- Utilize_New.ManufacturerName
- Utilize_New.ManufacturerLocationCountry
- Utilize_New.ManufacturerLocationState
- Utilize_New.ProductQuantity
- Utilize_New.FirstDate
- Utilize_New.FirstDateType
- Utilize_New.Notes
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

4.3.12 Development Stage as "Commercialized" and Has Funding with NIH and DOE

When creating a Utilization Report with Development Stage as "Commercialized" and the invention has a funding from NIH and DOE, there are additional FDA-approved commercial product fields for NIH, and additional DOE Supplemental question fields and DOE unique commercial product fields available. This section contains a list of data elements which can be use in this case. Refer to Table 4.3 for a description of the data element fields. Specific examples for your reference can be found in Section 5 of this document.

- Utilize_New.FiscalYear
- Utilize_New.LatestStageDev
- Utilize_New.Utilization.Licensee.Name
- Utilize_New.Utilization.Licensee.ExclusiveCount
- Utilize_New.Utilization.Licensee.NonExclusiveCount
- Utilize_New.Utilization.Licensee.IsSmallBusiness
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
  - Value for "Other than U.S. Preference (35 U.S.C. 204), is the invention subject to any U.S. manufacturing requirements (e.g., U.S. Competitiveness provision, a U.S. Manufacturing DEC, etc.)?
- Utilize_New.IsUSManufacturingRequired2
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, do all licenses include a requirement that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period do all grants to any person having the exclusive right to use or sell the subject invention in the United States require that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States as required by 35 U.S.C. 204?"
- Utilize_New.IsUSManufacturingRequired3
  - If Utilize_New.IsUSManufacturingRequired1 = 'Y', this data element value is for "In the designated reporting period, are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States (including manufacturing requirements other than 35 U.S.C. 204)?"
  - If Utilize_New.IsUSManufacturingRequired1 = 'N', this data element value is for "In the designated reporting period are all products embodying the subject invention or produced through the use of the subject invention manufactured substantially in the United States for all grants to any person having the exclusive right to use or sell the subject invention in the United States as required by 35 U.S.C. 204?"

- Utilize_New.FirstCommSaleYear
- Utilize_New.ProductName
- Utilize_New.LicenseeName
- Utilize_New.ManufacturerName
- Utilize_New.ManufacturerLocationCountry
- Utilize_New.ManufacturerLocationState
- Utilize_New.CommercialName
- Utilize_New.FdaApprovalNumber
- Utilize_New.FdaApprovalType
- Utilize_New.GovtReviewStatus
- Utilize_New.PublicInd
- Utilize_New.Notes
- Utilize_New.ProductQuantity
- Utilize_New.FirstDate
- Utilize_New.FirstDateType
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

5 Sample Bulk Upload Files

This section contains sample bulk upload files with the data element name and value pairs.

5.1 Create Invention

This is an example of creating an Invention Report. The system will check if the EIR.DocketNum value already exists in the system. If the value is not in iEdison, the system will create a new Invention Report.

```
PRODUCTION
EIR.DocketNum =^^XYZ.07.005^^
EIR.PrimaryAgency =^^NIST^^
EIR.Title =^^Sample Invention A^^
EIR_Grants.Agency=^^NIST^^
EIR_Grants.GrantNum=^^60NANB2D0108^^
EIR_Inventor.LastName=^^Doe^^
EIR_Inventor.FirstName=^^John^^
EIR_Inventor.LastName=^^ Arnault ^^
EIR_Inventor.FirstName=^^David^^
EIR_Inventor.LastName=^^Sood^^
EIR_Inventor.FirstName=^^Aaron^^
```

5.2 Create Invention, Patent, and Utilization

This is an example of creating an Invention, Patent, and Utilization Report in a single bulk upload file. The system will first perform a check to see if the EIR.DocketNum value already exists in the system. If it does, the system will not create any new records. If the value does not exist in the system, the system will then perform a validation check on the other required fields. If the validation check passes, the system will create the Invention Report, Patent Report, and Utilization Report. As shown in the example, the patent and utilization data elements must be located after the invention data elements.

```
PRODUCTION
EIR.DocketNum =^^XYZ.07.005^^
EIR.PrimaryAgency =^^NIST^^
EIR.Title =^^ Sample Invention A ^^
EIR_Grants.Agency=^^NIST^^
EIR_Grants.GrantNum=^^60NANB2D0108^^
EIR_Inventor.LastName=^^Doe^^
EIR_Inventor.FirstName=^^John^^
EIR_Inventor.LastName=^^ Arnault ^^
EIR_Inventor.FirstName=^^David^^
EIR_Inventor.LastName=^^Sood^^
EIR_Inventor.FirstName=^^Aaron^^
Patent.PatDocketNum=^^XYZ-07-005U^^
Patent.NonProvAppNum=^^11/857,055^^
Patent.NonProvAppDate=^^09/18/2007^^
Patent.TypeOfApplic=^^ORD^^
Patent.PatentTitle=^^Patent Title A ^^
Pat_Inventor.LastName=^^Doe ^^
Pat_Inventor.FirstName=^^John^^
Pat_Inventor.LastName=^^Arnault^^
Pat_Inventor.FirstName=^^David^^
Pat_Inventor.LastName=^^Sood^^
Pat_Inventor.FirstName=^^Aaron^^
Pat_ForeignFiling.Country=^^France^^
Pat_ForeignFiling.Status=^^Active^^
Pat_ForeignFiling.Date=^^02/11/2023^^
Pat_ForeignFiling.Country=^^African Intellectual Property Organization^^
Pat_ForeignFiling.Status=^^Expired^^
Pat_ForeignFiling.Date=^^02/01/2023^^
Pat_ForeignFiling.Country=^^Patent Office of the Cooperation Council for the Arab States of the
Gulf^^
Pat_ForeignFiling.Status=^^EXPIRED^^
Pat_ForeignFiling.Date=^^02/01/2023^^
```

```
Pat_ForeignFiling.Country=^^Canada^^
Pat_ForeignFiling.Status=^^expired^^
Pat_ForeignFiling.Date=^^02/11/2023^^
Pat_ForeignFiling.Country=^^France^^
Pat_ForeignFiling.Status=^^ACTIVE^^
Pat_ForeignFiling.Date=^^02/11/2023^^
Pat_ForeignFiling.Country=^^France^^
Pat_ForeignFiling.Status=^^active^^
Pat_ForeignFiling.Date=^^02/11/2023^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^ Not Licensed or Commercialized ^^
Utilize_New. CommercializationPlanId=^^6^^
Utilize_New.NewUsJobs=^^1090^^
Utilize_New.NewUsCompanies=^^125^^
Utilize_New. Notes=^^This is a utilization note.^^
```

5.3 Create Invention and Multiple Patent Reports

This is an example of creating an Invention, Patent, and Utilization Report in a single bulk upload file. The system will check if the EIR.DocketNum value already exists in the system and other validations for required fields. If the value is not in iEdison and passes validation checks, the system will create an Invention Report and Patent Reports. As shown in the example, the patent data elements must be located after the invention data elements.

```
PRODUCTION
EIR.DocketNum =^^XYZ.07.005^^
EIR.PrimaryAgency =^^NIST^^
EIR.Title =^^ Sample Invention A ^^
EIR_Grants.Agency =^^NIST^^
EIR_Grants.GrantNum =^^60NANB2D0108^^
EIR_Inventor.LastName =^^Doe^^
EIR_Inventor.FirstName =^^John^^
EIR_Inventor.LastName =^^ Arnault ^^
EIR_Inventor.FirstName =^^David^^
EIR_Inventor.LastName =^^Sood^^
EIR_Inventor.FirstName =^^Aaron^^
Patent.PatDocketNum =^^XYZ-07-005U^^
Patent.NonProvAppNum =^^11/857,055^^
Patent.NonProvAppDate =^^09/18/2007^^
Patent.TypeOfApplication=^^ORD^^
Patent.PatentTitle=^^Patent Title A^^
Patent.Inventor.LastName=^^Doe ^^
Patent.Inventor.FirstName=^^Yin^^
```

```
Patent.Inventor.LastName=^^Arnault^^
Patent.Inventor.FirstName=^^David^^
Patent.Inventor.LastName=^^Sood^^
Patent.Inventor.FirstName=^^Aaron^^
Patent.DocketNumber=^^XYZ-07-005P2^^
Patent.ProvApplicationNumber=^^60/826,107^^
Patent.ProvApplicationDate=^^09/19/2006^^
Patent.TypeOfApplic =^^PROV^^
Patent.PatentTitle =^^Single Use Server System^^
Pat_Inventor.LastName =^^Doe ^^
Pat_Inventor.FirstName =^^Yin^^
Pat_Inventor.LastName =^^Arnault^^
Pat_Inventor.FirstName =^^David^^
Pat_Inventor.LastName =^^Sood^^
Pat_Inventor.FirstName =^^Aaron^^
```

5.4 Create Invention and Utilization Report for 2023

This is an example of creating an Invention, Patent, and Utilization Report in a single bulk upload file. The system will check if the EIR.DocketNum value already exists in the system and other validations for required fields. If the value is not in iEdison and passes validation checks, the system will create an Invention Report and Patent Reports. As shown in the example, the utilization data elements must be located after the invention data elements.

```
PRODUCTION
Invention.DocketNumber=^^XYZ.07.005^^
EIR.PrimaryAgency =^^NIST^^
EIR.Title =^^ Sample Invention A ^^
EIR_Grants.Agency =^^NIST^^
EIR_Grants.GrantNum =^^60NANB2D0108^^
EIR_Inventor.LastName =^^Smith^^
EIR_Inventor.FirstName =^^Erin^^
EIR_Inventor.LastName =^^ Lee^^
EIR_Inventor.FirstName =^^David^^
EIR_Inventor.LastName =^^Doe^^
EIR_Inventor.FirstName =^^John^^
Utilize_New.FiscalYear =^^2023^^
Utilize_New. LatestStageDev =^^Licensed^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Company B^^
```

```
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Company C^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.SmallBusLicensesOptions=^^3^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.NewUsJobs=^^1090^^
Utilize_New.NewUsCompanies=^^125^^
Utilize_New.Notes=^^A note for utilization.^^
```

5.5 Create a Utilization Report for 2023 with Development Stage = "Not Licensed or Commercialized" with NIH Funding

This is an example of creating a Utilization with Development Stage as "Not Licensed or Commercialized" and with NIH funding to an existing Invention Report. The invention data field only has EIR.DocketNum because it is the unique invention identifier within an organization. There are additional data element fields to collect the FDA-approved commercial products utilizing this invention that have first reached the market during the designated reporting period.

```
PRODUCTION
EIR.DocketNum=^^23-0072^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^Not Licensed or Commercialized^^
Utilize_New.CommercializationPlanId=^^6^^
Utilize_New.CommercialName =^^NIH Product 1^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALONE^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.GovtReviewStatus=^^Approved^^
Utilize_New.FdaApprovalType=^^Medical Device^^
Utilize_New.CommercialName =^^NIH Product 2^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALTWO^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.GovtReviewStatus=^^Rejected^^
Utilize_New.FdaApprovalType=^^Drug^^
Utilize_New.CommercialName =^^NIH Product 3^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALTHREE^^
Utilize_New.PublicInd=^^No^^
Utilize_New.FdaApprovalType=^^Biologic^^
```

Utilize_New.Notes=^^ A note for utilization. ^^

5.6 Create a Utilization Report for 2023 with Development Stage = "Licensed" with NIH Funding

This is an example of creating a Utilization Report with Development Stage as "Licensed" and with NIH funding to an existing Invention Report. The invention data field only has EIR.DocketNum because it is the unique invention identifier within an organization.

```
PRODUCTION
EIR.DocketNum=^^23-0073^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^Licensed^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Company B^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Company C^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.Utilization.Licensee.Name=^^Company D^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^7^^
Utilize_New.Utilization.Licensee.Name=^^Company E^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^34^^
Utilize_New.SmallBusLicensesOptions=^^3^^
Utilize_New.TotalIncome=^^156.69^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.NewUsJobs=^^1090^^
Utilize_New.NewUsCompanies=^^125^^
Utilize_New.CommercialName =^^NIH Product 1 Licensed^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALONE^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.GovtReviewStatus=^^Approved^^
Utilize_New.FdaApprovalType=^^Medical Device^^
Utilize_New.Notes=^^ A note for utilization. ^^
```

5.7 Create a Utilization Report for 2024 with Development Stage = “Licensed”

```
PRODUCTION
EIR.DocketNum=^^22-0053^^
Utilize_New.FiscalYear=^^2024^^
Utilize_New.LatestStageDev=^^Licensed^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^ Company B ^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^ Company C ^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.SmallBusLicensesOptions=^^3^^
Utilize_New.TotalIncome=^^0^^
Utilize_New.IsUSManufacturingRequired1=^^N^^
Utilize_New.IsUSManufacturingRequired2=^^N/A^^
```

5.8 Create a Utilization Report for 2024 with Development Stage = “Commercialized”

```
PRODUCTION
Invention.DocketNumber=^^23-0152^^
Utilize_New.FiscalYear=^^2024^^
Utilize_New.LatestStageDev=^^Commercialized^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Name Option 1^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Name Option 2^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^0^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Name Option 3^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Name Option 4^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^1^^
```

Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Non Name option 1^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^0^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Non Name option 2^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Non Name option 3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^8^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Commercialized Non Name option 4^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^9^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^12^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.TotalIncome=^^100560.69^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.FirstCommSaleYear=^^2023^^
Utilize_New.NewUsJobs=^^20^^
Utilize_New.NewUsCompanies=^^5^^
Utilize_New.Notes=^^ A note for utilization. ^^
Utilize_New.ProductName=^^DOE Commercial Product 1^^
Utilize_New.NaicsCode=^^XYZ^^
Utilize_New.LicenseeName=^^Commercialized Name Option 4^^
Utilize_New.ManufacturerName=^^Intel^^
Utilize_New.ManufacturerLocationCountry=^^FRANCE^^
Utilize_New.ProductQuantity=^^100^^
Utilize_New.FirstDate=^^12/01/2023^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.ManufacturerLocationCountry=^^CHINA^^
Utilize_New.ProductQuantity=^^10000^^
Utilize_New.FirstDate=^^01/01/2024^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.LicenseeName=^^Commercialized Non Name option 2^^
Utilize_New.ManufacturerName=^^Manufacturer A^^
Utilize_New.ManufacturerLocationCountry=^^KENYA^^
Utilize_New.ProductQuantity=^^120^^
Utilize_New.FirstDate=^^06/01/2024^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.ManufacturerLocationCountry=^^NIGERIA^^

```
Utilize_New.ProductQuantity=^^56^^
Utilize_New.FirstDate=^^05/01/2024^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.CommercialName=^^NIH Product 1 Commercialized^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.FdaApprovalType=^^Medical Device^^
Utilize_New.FdaApprovalNumber=^^NIHAP12345^^
Utilize_New.GovtReviewStatus=^^Approved^^
Utilize_New.CommercialName=^^NIH Product 2 Commercialized^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.FdaApprovalType=^^Drug^^
Utilize_New.FdaApprovalNumber=^^NIHAP6789^^
```

5.9 Create a Utilization Report for 2023 with Development Stage = "Commercialized" with NIH Funding

This is an example of creating a Utilization Report with Development Stage as "Commercialized" and with NIH funding to an existing Invention Report. The invention data field only has EIR.DocketNum because it is the unique invention identifier within an organization.

```
PRODUCTION
EIR.DocketNum=^^23-0074^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^Commercialized^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Company B^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Company C^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.Utilization.Licensee.Name=^^Edward 4^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^7^^
Utilize_New.Utilization.Licensee.Name=^^Company D^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^34^^
Utilize_New.SmallBusLicensesOptions=^^991^^
Utilize_New.TotalIncome=^^1560.69^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
```

```
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.FirstCommSaleYear=^^2023^^
Utilize_New.ProductName=^^Commercial Product 1^^
Utilize_New.LicenseeName=^^Company A^^
Utilize_New.ManufacturerName=^^ABC 1 1^^
Utilize_New.ManufacturerLocationCountry=^^KENYA^^
Utilize_New.ManufacturerLocationCountry=^^UGANDA^^
Utilize_New.ManufacturerLocationCountry=^^UNITED STATES^^
Utilize_New.ManufacturerLocationState=^^MARYLAND^^
Utilize_New.ManufacturerName=^^ABC 1 1 A^^
Utilize_New.ManufacturerLocationCountry=^^CANADA^^
Utilize_New.ManufacturerLocationCountry=^^GERMANY^^
Utilize_New.ManufacturerName=^^ABC 1 1 B^^
Utilize_New.ManufacturerLocationCountry=^^CHINA^^
Utilize_New.ManufacturerLocationCountry=^^TAIWAN^^
Utilize_New.CommercialName=^^NIH Product 1 Licensed^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALONE^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.GovtReviewStatus=^^Approved^^
Utilize_New.FdaApprovalType=^^Medical Device^^
Utilize_New.CommercialName=^^NIH Product 2 Licensed^^
Utilize_New.FdaApprovalNumber=^^NIHAPPROVALTWO^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.GovtReviewStatus=^^Rejected^^
Utilize_New.FdaApprovalType=^^Drug^^
Utilize_New.Notes=^^ A note for utilization. ^^
```

5.10 Create a Utilization Report for 2023 with Development Stage = “Commercialized” with DOE Funding

This is an example of creating a Utilization Report with Development Stage as “Commercialized” and the invention has funding from DOE to an existing Invention Report. The invention data field only has EIR.DocketNum because it is the unique invention identifier within an organization. This example includes the DOE data elements and how they are grouped.

```
PRODUCTION
EIR.DocketNum=^^23-0076^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^Commercialized^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
```

Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Company B^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Company C^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.Utilization.Licensee.Name=^^Edward 4^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^7^^
Utilize_New.Utilization.Licensee.Name=^^Company D^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^34^^
Utilize_New.SmallBusLicensesOptions=^^991^^
Utilize_New.TotalIncome=^^660.69^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.SmallBusLicensesOptions=^^968^^
Utilize_New.FirstCommSaleYear=^^2023^^
Utilize_New.NewUsJobs=^^20^^
Utilize_New.NewUsCompanies=^^5^^
Utilize_New.ProductName=^^Commercial Product 1^^
Utilize_New.NaicsCode=^^XYZ^^
Utilize_New.LicenseeName=^^Commercialized Name Option 1^^
Utilize_New.ManufacturerName=^^ABC 1 1^^
Utilize_New.ManufacturerLocationCountry=^^KENYA^^
Utilize_New.ProductQuantity=^^178^^
Utilize_New.FirstDate=^^11/26/2023^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.ManufacturerLocationCountry=^^UGANDA^^
Utilize_New.ManufacturerLocationCountry=^^UNITED STATES^^
Utilize_New.ManufacturerLocationState=^^MARYLAND^^
Utilize_New.ManufacturerName=^^ABC 1 1 A^^
Utilize_New.ManufacturerLocationCountry=^^CANADA^^
Utilize_New.ManufacturerLocationCountry=^^GERMANY^^
Utilize_New.ManufacturerName=^^ABC 1 1 B^^
Utilize_New.ManufacturerLocationCountry=^^CHINA^^
Utilize_New.ManufacturerLocationCountry=^^TAIWAN^^
Utilize_New.ProductName=^^NIH Product 1 Licensed^^
Utilize_New.Notes=^^ A note for utilization. ^^

5.11 Create a Utilization Report for 2023 with Development Stage = "Commercialized" with DOE and NIH Funding

This is an example of creating a Utilization Report with Development Stage as "Commercialized" and the invention has a funding from NIH and DOE. There are additional FDA-approved commercial product fields for NIH, and additional DOE Supplemental question fields and DOE unique commercial product fields available. This example contains a list of data elements which can be use in this case.

```
PRODUCTION
Invention.DocketNumber=^^23-0132^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.LatestStageDev=^^Commercialized^^
Utilize_New.ExclusiveLicensesOptions=^^3^^
Utilize_New.Utilization.Licensee.Name=^^Company A^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^1^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^2^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^Y^^
Utilize_New.Utilization.Licensee.Name=^^Company B^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^3^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^4^^
Utilize_New.Utilization.Licensee.IsSmallBusiness=^^N^^
Utilize_New.Utilization.Licensee.Name=^^Company C^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^5^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^6^^
Utilize_New.Utilization.Licensee.Name=^^Edward 4^^
Utilize_New.Utilization.Licensee.NonExclusiveCount=^^7^^
Utilize_New.Utilization.Licensee.Name=^^Company D^^
Utilize_New.Utilization.Licensee.ExclusiveCount=^^34^^
Utilize_New.SmallBusLicensesOptions=^^3^^
Utilize_New.TotalIncome=^^100560.69^^
Utilize_New.IsUSManufacturingRequired1=^^Y^^
Utilize_New.IsUSManufacturingRequired2=^^N^^
Utilize_New.IsUSManufacturingRequired3=^^Y^^
Utilize_New.FirstCommSaleYear=^^2023^^
Utilize_New.NewUsJobs=^^20^^
Utilize_New.NewUsCompanies=^^5^^
Utilize_New.Notes=^^ A note for utilization. ^^
Utilize_New.ProductName=^^DOE Commercial Product 1^^
Utilize_New.NaicsCode=^^XYZ^^
Utilize_New.LicenseeName=^^Company B^^
Utilize_New.ManufacturerName=^^Intel^^
Utilize_New.ManufacturerLocationCountry=^^FRANCE^^
```

```
Utilize_New.ProductQuantity=^^100^^
Utilize_New.FirstDate=^^12/01/2023^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.ManufacturerLocationCountry=^^UNITED STATES^^
Utilize_New.ManufacturerLocationState=^^ARIZONA^^
Utilize_New.ProductQuantity=^^10000^^
Utilize_New.FirstDate=^^01/01/2024^^
Utilize_New.FirstDateType=^^Actual^^
Utilize_New.CommercialName=^^NIH Product 1 Commercialized^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.FdaApprovalType=^^Medical Device^^
Utilize_New.FdaApprovalNumber=^^NIHAP12345^^
Utilize_New.GovtReviewStatus=^^Approved^^
Utilize_New.CommercialName=^^NIH Product 2 Commercialized^^
Utilize_New.PublicInd=^^Yes^^
Utilize_New.FdaApprovalType=^^Drug^^
Utilize_New.FdaApprovalNumber=^^NIHAP6789^^
Utilize_New.GovtReviewStatus=^^Rejected^^
```

5.12 Update Invention Report

This is an example of how to update the invention disclosure date and add two new inventors to the invention.

```
PRODUCTION
EIR.DocketNum=^^DOCK.NUM.ABC^^
EIR_Inventor.LastName=^^Lee^^
EIR_Inventor.FirstName=^^Michael^^
EIR_Inventor.LastName=^^Doe^^
EIR_Inventor.FirstName=^^Jane^^
EIR.DisclosurDate=^^9/03/2023^^
```

5.13 Update Patent Report

This is an example of how to update the Patent Report with Non-Provisional Application Date, Issued Patent Number, Issued Patent Date, and Expiration Date.

```
PRODUCTION
EIR.DocketNum=^^DOCK.NUM.ABC^^
Patent.PatDocketNum=^^TEST.NEWPAT^^
Patent.NonProvAppNum=^^90/991,171^^
Patent.NonProvAppDate=^^09/04/2023^^
Patent.PatentNum=^^PP1,234^^
```

```
Patent.PatentDate=^^09/01/2023^^
Patent.ExpireDate=^^01/01/2027^^
```

5.14 Update Utilization

The EIR.DocketNum and Utilize_New.FiscalYear data element fields uniquely identify which Utilization Report the bulk upload is updating. The system will check if there is an existing Invention Report with the given docket number value from EIR.DocketNum data element and check if there is an existing Utilization Report with report year value of the Utilize_New.FiscalYear data element. If the Invention is found with the given EIR.DocketNum value and a Utilization Report is found with the given Utilize_New.FiscalYear in the invention, the system will then look for other data element fields starts with Utilize_New to update. However, there is a limitation on the utilization update feature currently. There are limited data elements supported with utilizations and they are:

- Utilize_New.CommercializationPlanId
- Utilize_New.SmallBusLicensesOptions
- Utilize_New.TotalIncome
- Utilize_New.IsUSManufacturingRequired1
- Utilize_New.IsUSManufacturingRequired2
- Utilize_New.IsUSManufacturingRequired3
- Utilize_New.FirstCommSaleYear
- Utilize_New.Notes
- Utilize_New.NewUsJobs
- Utilize_New.NewUsCompanies

The rest of the data elements are not currently supported. They will be supported in a future release. Below is an example of updating the TotalIncome, SmallBusLicensesOptions, and Notes.

```
PRODUCTION
EIR.DocketNum=^^DOCK.NUM.ABC^^
Utilize_New.FiscalYear=^^2023^^
Utilize_New.TotalIncome=^^1900.99^^
Utilize_New.SmallBusLicensesOptions=^^10^^
Utilize_New.Notes=^^ A note for utilization. ^^
```

6 Lookup Tables

The tables below contain the lookup values that can be used for the data elements when creating a Bulk Load file.

6.1 Agency List and Abbreviation

The table below contains a list of the Abbreviations and Agency Names. The **Abbreviation** value is used in the bulk upload file content Primary Agency and Funding Agency.

Abbreviation	Agency Name
AHRQ	Agency for Healthcare Research and Quality
ARMY/ARL	Army Research Laboratory
ARMY/ARO	Army Research Laboratory - Army Research Office
ARMY/MRDC	Medical Research and Development Command
ARMY/SMDC	U.S. Army Space & Missile Defense Command
CDC	Centers for Disease Control and Prevention
DHS/ST	Department of Homeland Security, Science and Technology
DOC/EDA	Economic Development Administration
DOD/DARPA	Defense Advanced Research Projects Agency
DOD/DMEA	Defense Microelectronics Activity
DOD/DTRA	Defense Threat Reduction Agency
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FDA	Food and Drug Administration
NIDILRR	National Institute on Disability, Independent Living and Rehabilitation Research
NIH	National Institutes of Health
NIST	National Institute of Standards and Technology
NOAA	National Oceanic and Atmospheric Administration
NRC	U.S. Nuclear Regulatory Commission
NRL	Naval Research Laboratory
NSF	National Science Foundation
OTHER	Other Agency
USAID	U.S. Agency for International Development
USDA/ARS	Agricultural Research Service
USDA/NIFA	National Institute of Food and Agriculture
USGS	U.S. Geological Survey

6.2 Award Type

The table below contains a list of valid values for the funding agreement Award Type.

Value
Prime Award
Sub-Award

6.3 Agreement Type

The table below contains a list of valid values for the funding agreement type.

Value
ACT = DoE Specific
Cooperative Agreement
Contract
Grant
Other Transaction

6.4 Title Election Status

The decision of the institution regarding the election of title for this Invention.

- 'Draft', 'Voided', and 'Transferred' status values shall not be used when submitting Invention Create or Update Bulk Upload requests.
- 'Only Elect to Retain Title' and 'Does Not Retain Title' status will be allowed when summitting Invention Create Requests.
- 'Designated as Unpatented Biological Material or Research Tool' status is not available for DOE

Value	Notes
Elect to Retain Title	This can be used for both organization and agency clients in the create or update request.
Does Not Retain Title	This can be used for both organization and agency clients in the create or update Invention request. Once the Invention is saved with this status, organization client will no longer allow to modify the Invention metadata.
Designated as Unpatented Biological Material or Research Tool	This can be used for both organization and agency clients in the update request.
Under Evaluation	Allow both organization and agency clients to use in the create and update requests.
Draft	This status is used in response data only. This status value shall not be used in Bulk Upload create or update request.
Voided	This status is used in response data only. This status value shall not be used in Bulk Upload request. The organization is required to use the UI to submit an Invention Void Request.
Transferred	This status is use in response data only. This status value shall not be used in Bulk Upload request. The organization is required to use the UI to submit an Invention Transfer Request.
Government Takes Title (Award Terms)	If an invention is created by a large for-profit private organization that receives funding from the Department of Energy (DOE), and a DOE Waiver ID has not been issued, the iEdison system will automatically set the status to "Not

Value	Notes
	Waived." Users and administrators from the DOE and the National Nuclear Security Administration (NNSA) can update this status using the Bulk Upload. For all other agencies, updates can only be made through the nightly job.

6.4.1 **Election Reason -** If 'Title Election Status' is selected as 'Does Not Retain Title', please select an Electioneason from the following values

Value
Low Commercial Potential
Non-Patentable (Not Novel)
Non-Patentable (Not Useful)
Non-Patentable (Obvious)
Did Not Yield Expected Results
Budget Limitation
Immature Market
Other

Note: If 'Other' is selected as the 'Election Reason', please provide a description for the reason.

Example- When Title election Status is "Does not Retain Title" and Election Reason is "Other", please include the text for Other reason:

EIR.DocketNum=^^24-0025^^

EIR.PrimaryAgency=^^DOE^^

EIR.Title=^^this is my 3rd invention report for testing ticket 2909^^

EIR_Grants.Agency=^^DOE^^

EIR_Grants.GrantNum=^^W-7405-ENG-82^^

EIR_Inventor.LastName=^^Bonos^^

EIR_Inventor.FirstName=^^Stacy^^

EIR.DisclosurDate=^^03/30/2024^^

EIR.EIRStatus=^^Does Not Retain Title^^

EIR.TitleElectDate=^^06/15/2024^^

EIR.NotElectReason=^^Other^^

EIR.NotElectOtherReason=^^This is other reason^^

6.5 State List

The table below contains a list of all valid United States state and territory names.

Value
ALABAMA
ALASKA
ARIZONA
ARKANSAS
CALIFORNIA
COLORADO
CONNECTICUT
DELAWARE
DIST OF COL
FLORIDA
GEORGIA
HAWAII
IDAHO
ILLINOIS
INDIANA
IOWA
KANSAS
KENTUCKY
LOUISIANA
MAINE
MARYLAND
MASSACHUSETTS
MICHIGAN
MINNESOTA
MISSISSIPPI
MISSOURI
MONTANA

Value
NEBRASKA
NEVADA
NEW HAMPSHIRE
NEW JERSEY
NEW MEXICO
NEW YORK
NORTH CAROLINA
NORTH DAKOTA
OHIO
OKLAHOMA
OREGON
PENNSYLVANIA
RHODE ISLAND
SOUTH CAROLINA
SOUTH DAKOTA
TENNESSEE
TEXAS
UTAH
VERMONT
VIRGINIA
WASHINGTON
WEST VIRGINIA
WISCONSIN
WYOMING
AMERICAN SAMOA
FED MICRONESIA
GUAM
MARSHALL IS
NORTHN MARIANA
PALAU
PUERTO RICO
US MINOR OUTLY
VIRGIN ISLANDS
ALBERTA

Value
BR. COLUMBIA
MANITOBA
NEW BRUNSWICK
NW TERRITORIES
NOVA SCOTIA
ONTARIO
PR. EDWARD ISL
QUEBEC
SASKATCHEWAN
YUKON
QUEBEC
AP0/FP0 S AMER
AP0/FP0 EUROPE
AP0/FP0 OT PAC
NAVASSA ISLAND
BAKER ISLAND
HOWARD ISLAND
JOHNSTON ATOLL
KINGMAN REEF
PALMYRA ATOLL
MIDWAY ISLANDS
TRUST TER PACF
WAKE ISLAND
NEWFOUNDLAND

6.6 Country List

The table below contains a list of valid country name to use in the bulk upload file content.

Value
AFGHANISTAN
African Intellectual Property Organization
African Regional Intellectual Property Organization
ALBANIA

Value
ALGERIA
ANDORRA
ANGOLA
ANGUILLA
ANTIGUA/BARBUD
ARGENTINA
ARMENIA
ARUBA
AUSTRALIA
AUSTRIA
AZERBAIJAN
BAHAMAS
BAHRAIN
BANGLADESH
BARBADOS
BELARUS
BELGIUM
BELIZE
BENIN
BERMUDA
BHUTAN
BOLIVIA
BOSNIA/HERZEG
BOTSWANA
BRAZIL
BRITISH VI ISS
BRUNEI
BULGARIA
BURKINA
BURUNDI
CABO VERDE
CAMBODIA
CAMEROON
CANADA

Value
CAYMAN ISLANDS
CENTRAL AFR R
CHAD
CHILE
CHINA
COLOMBIA
COMOROS
CONGO
CONGO DEM REP
COSTA RICA
COTE D'IVOIRE
CROATIA
CUBA
CYPRUS
CZECH REPUBLIC
DENMARK
DJIBOUTI
DOMINICA
DOMINICAN REP
ECUADOR
EGYPT
EL SALVADOR
EQUATOR GUINEA
ERITREA
ESTONIA
ESWATINI
ETHIOPIA
Eurasian Patent Organization
Eurasian Patent Organization
FALKLAND ISS
FIJI
FINLAND
FRANCE
FRENCH POLYNES

Value
GABON
GAMBIA
GAZA STRIP
GEORGIA
GERMANY
GHANA
GIBRALTAR
GREECE
GREENLAND
GRENADA
GUATEMALA
GUERNSEY
GUINEA
GUINEA-BISSAU
GUYANA
HAITI
HONDURAS
HONG KONG
HUNGARY
ICELAND
INDIA
INDONESIA
IRAN
IRAQ
IRELAND
ISRAEL
ITALY
JAMAICA
JAPAN
JERSEY
JORDAN
KAZAKHSTAN
KENYA
KIRIBATI

Value
KOREA PEO REP
KOREA REP OF
KOSOVO
KUWAIT
KYRGYZSTAN
LAOS
LATVIA
LEBANON
LESOTHO
LIBERIA
LIBYA
LIECHTENSTEIN
LITHUANIA
LUXEMBOURG
MACAU
MADAGASCAR
MALAWI
MALAYSIA
MALDIVES
MALI
MALTA
MAURITANIA
MAURITIUS
MEXICO
MOLDOVA
MONACO
MONGOLIA
MONTENEGRO
MONTSERRAT
MOROCCO
MOZAMBIQUE
MYANMAR
NAMIBIA

Value
NAURU
NEPAL
NETHERLANDS
NEW ZEALAND
NICARAGUA
NIGER
NIGERIA
NORTH MACEDONIA
NORWAY
OMAN
PAKISTAN
PANAMA
PAPUA N GUINEA
PARAGUAY
Patent Office of the Cooperation Council for the Arab States of the Gulf
PERU
PHILIPPINES
POLAND
PORTUGAL
QATAR
ROMANIA
RUSSIA
RWANDA
SAMOA
SAN MARINO
SAO TOME/PRINC
SAUDI ARABIA
SENEGAL
SERBIA
SEYCHELLES
SIERRA LEONE
SINGAPORE

Value
SLOVAKIA
SLOVENIA
SOLOMON ISS
SOMALIA
SOUTH AFRICA
SOUTH SUDAN
SPAIN
SRI LANKA
ST HELENA
ST KITTS/NEVIS
ST LUCIA
ST VINCENT/GRN
SUDAN
SURINAME
SWEDEN
SWITZERLAND
SYRIA
TAIWAN
TAJIKISTAN
TANZANIA U REP
THAILAND
TIMOR-LESTE
TOGO
TONGA
TRINIDAD/TOBA
TUNISIA
TURKEY
TURKMENISTAN
TURKS/CAICOS I
TUVALU
UGANDA
UKRAINE
Unified Patent Court

Value
UNITED ARAB EM
UNITED KINGDOM
UNITED STATES
URUGUAY
UZBEKISTAN
VANUATU
VENEZUELA
VIETNAM
WEST BANK
YEMEN
YUGOSLAVIA
ZAMBIA
ZIMBABWE

6.7 Patent Status

Value
INSTITUTION RETAINS RIGHTS

6.8 Patent Type

Value
CIP (Continuation-In-Part)
CON (Continuation)
DIV (Divisional)
ORD/UTIL
PROV (Provisional)
PVP (Plant Variety Protection)
PCT (Patent Cooperation Treaty Application)

6.9 Foreign Filing Status

Value
ABANDONED
ACTIVE

6.10 Latest Development Stage

Value
Not Licensed or Commercialized
Licensed
Commercialized

6.11 Type of Date of Manufacturer

Value
Actual
Expected

6.12 Government Review Status

Value
Approved
Rejected
Pending

6.13 FDA Approval Type

Value
Biologic
Medical Device
Drug

6.14 Commercialization Plans

Use the digit value in the “Value” column in the Bulk Upload data element

Value	Description
1	Seeking additional funding to further develop this invention
2	Marketing and/or furthering development of this invention to attract commercial partners
3	Developing and/or using this invention for internal purposes only
4	Developing and/or preparing this invention with intent to commercialize ourselves
5	Making available for distribution and/or licensing for research purposes only
6	No current commercialization plan