**GEFS JMS Design – Market Release 1**

**Geopolitical Enterprise Foundational Service**

**Date: August 02, 2019**

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* 1. Property Definition

The following properties will be part of the JMS Headers and will provide the capability for filtering.Six properties have been identified as part of the domain events.

1. MsgCreateTmstp: Format CCYYMMDDhhmmss. Indicates when the message was created and put on the topic/queue.

2. MsgSource: GEOPCORE. This represents the Geopolitical EFS Core.

3. MsgVersion: The version of the JMS domain event message.

4. TriggerEventType: Represents the action taken to the domain object the resulted in the NOI. Examples of this include Add, Change, Delete, Match, and Unmatch.

5. DataSegment: The data object within the EFS that was added or modified. Examples might include: COUNTRY, STATE, LANGUAGE, ORG\_STANDARD, etc.

|  |  |
| --- | --- |
| **API Name** | **Data Segment** |
| Script | SCRIPT |
| UOM Type | UOM |
| Language | LANGUAGE |
| Day of Week | DAY\_OF\_WEEK |
| Month of Year | MONTH\_OF\_YEAR |
| Country | COUNTRY |
| State Prov Std | STATE\_PROV\_STD |
| Country Org Std | COUNTRY\_ORG\_STD |
| Geopolitical Relationship | GEOPL\_RELATIONSHIP |
| Geopolitical Type | GEOPL\_TYPE |
| Geopolitical Relationship Type | GEOPL\_ RELATIONSHIP\_TYPE |
| Geopolitical Affiliation Type | GEOPL\_ AFFIL\_TYPE |
| Geopolitical Org Std | GEOPL\_ORG\_STD |
| Holiday | HOLIDAY |
| Dependent Country Relationship | DEPN\_CNTRY\_RLTSP |

* 1. COUNTRY

Below is the format of the sample JSON message that will be placed on the JMS Topic when the country data and any associated attributes have been created/updated.

Note: For Country, only the information we received in the Request JSON will be published in JMS. For example , if we just receive the country dialing information as part of Country PUT , we will publish only the country.

|  |
| --- |
| **Notification Example – Country (FULL Request JSON )** |
| {  "data": {"country": {  "geopoliticalId": "string",  "countryNumberCd": "string",  "countryCd": "string",  "threeCharCountryCd": "string",  "independentFlag": "string",  "postalFormatDescription":"string",  "postalFlag":"string",  "postalLengthNumber":"string",  "firstWorkWeekDayName":”string",  "lastWorkWeekDayName":"string",  "weekendFirstDayName":"string",  "internetDomainName":"string",  "dependentrelationshipid": "string",  "dependentCountryCd ": "string",  "effectiveDate": "2020-08-30",  "expirationDate": "2020-09-30",  "countryDialings": [  {  "intialDialingPrefixCd":"string",  "intialDialingCd":"string",  "landPhMaxLthNbr":"string",  "landPhMinLthNbr":"string",  "moblPhMaxLthNbr":"string",  "moblPhMinLthNbr":"string",  "effectiveDate":"2020-08-14",  "expirationDate":"2020-09-20",  }  ],  "currencies": [  {  "currencyNumberCd": "string",  "currencyCd": "string",  "minorUnitCd": "string",  "moneyFormatDescription": "string",  "effectiveDate": "2020-08-30",  "expirationDate": "2020-09-30"  }  ],  "geopoliticalUnitOfMeasures": [  {  "uomTypeCd":"string",  "effectiveDate":"2020-08-14",  "expirationDate":"2020-09-20",  }  ],  "geopoliticalHolidays": [  {  "holidayName":"string",  "effectiveDate":"2020-09-14",  "expirationDate":"2020-10-20"  }  ],  "geopoliticalAffiliations":[  {  "affilTypeName":"string",  "effectiveDate":"2020-05-14",  "expirationDate":"2020-05-20"  }  ],  "locales": [  {  "englLanguageNm":"string",  "localeCd":" string",  "scrptCd": "string",  "cldrVersionNumber":”string”,  "cldrVersionDate":"2019-06-31",  "dateFullFormatDescription":"string",  "dateLongFormatDescription":"string",  "dateMediumFormatDescription":"string",  "dateShortFormatDescription":"string"  "effectiveDate": "2020-09-30",  "expirationDate": "2020-10-30"  }  ],  "translationGeopoliticals": [  {  **"**englLanguageNm":"string",  "scrptCd": "string",  "translationName":"string",  "versionNumber":"string",  "versionDate":"2020-06-30",  "effectiveDate":"2020-05-14",  "expirationDate":"2020-05-20"  }  ],  "geopoliticalType":  {  "geopoliticalTypeName":"string",  }  }  }  } |

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| **Notification Example –Country(Partial JSON Request – Only Country Dialing)** | **Notification Example –Country (Partial JSON Request – Only Country)** |
| {  "data": {"country": {  "geopoliticalId": "string",  "countryDialings": [  {  "intialDialingPrefixCd":"string",  "intialDialingCd":"string",  "landPhMaxLthNbr":"string",  "landPhMinLthNbr":"string",  "moblPhMaxLthNbr":"string",  "moblPhMinLthNbr":"string",  "effectiveDate":"2020-08-14",  "expirationDate":"2020-09-20"  }  ]  }  }  } | {  "data": {"country": {  "geopoliticalId": "string",  "countryNumberCd": "string",  "countryCd": "string",  "threeCharCountryCd": "string",  "independentFlag": "string",  "postalFormatDescription":"string",  "postalFlag":"string",  "postalLengthNumber":"string",  "firstWorkWeekDayName":”string",  "lastWorkWeekDayName":"string",  "weekendFirstDayName":"string",  "internetDomainName":"string",  "dependentrelationshipid": "string",  "dependentCountryCd ": "string",  "effectiveDate": "2020-08-30",  "expirationDate": "2020-09-30"  }  }  } |

* 1. STATE PROVINCE STANDARD

Below is the format of the sample JSON message that will be placed on the JMS Topic when the state province standard data and any associated attributes have been created/updated.

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| **Notification Example** |
| {  "data": {  "geopoliticalId": "string",  "orgStdNm": "string",  "stProvCd": "string",  "stProvNm": "string",  "effectiveDate": "2020-06-12",  "expirationDate": "2020-06-30"  }  } |

* 1. COUNTRY ORG STANDARD

Below is the format of the sample JSON message that will be placed on the JMS Topic when the country org standard data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data": {  "geopoliticalId": "string",  "orgStdNm":"string",  "countryFullName":"string",  "countryShortName":"string",  "effectiveDate":"2020-05-14",  "expirationDate":"2020-05-20"  }  } |

* 1. GEOPOLITICAL RELATIONSHIP

Below is the format of the sample JSON message that will be placed on the JMS Topic when the geopolitical relationship data and any associated attributes have been created/updated.

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| **Notification Example** |
| {  "data": {  "fromGeopoliticalId": "string",  "toGeopoliticalId": "string",  "relationshipTypeCode": "string",  "effectiveDate": "2020-06-12",  "expirationDate": "2020-06-30"  }  } |

* 1. GEOPOLITICAL TYPE

Below is the format of the sample JSON message that will be placed on the JMS Topic when the geopolitical type data and any associated attributes have been created/updated.

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| **Notification Example** |
| {  "data": {  "geopoliticalTypeId": "string"  "geopoliticalTypeName": "string"  }  } |

* 1. GEOPOLITICAL ORG STANDARD

Below is the format of the sample JSON message that will be placed on the JMS Topic when the geopolitical org standard data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data": {  "orgStdCd": "string",  "orgStdNm": "string"  }  } |

* 1. GEOPOLITICAL RELATIONSHIP TYPE

Below is the format of the sample JSON message that will be placed on the JMS Topic when the geopolitical relationship type data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data": {  "geopoliticalRelationshipTypeCd": "string",  "areaRelationshipTypeDescription": "string"  }  } |

* 1. DEPENDENT COUNTRY RELATIONSHIP

Below is the format of the sample JSON message that will be placed on the JMS Topic when the Dependent Country Relationship data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data": {  "dependentRelationshipId": "string",  "dependentRelationshipDescription” : "string"  }  } |

* 1. HOLIDAY

Below is the format of the sample JSON message that will be placed on the JMS Topic when the Holiday data and any associated attributes have been created/updated.

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| **Notification Example** |
| {  "data": {  "holidayId":"string",  "holidayName": "string",  "holidayDateParamText": "string"  }  } |

* 1. GEOPOLITICAL AFFILIATION TYPE

Below is the format of the sample JSON message that will be placed on the JMS Topic when the geopolitical affiliation type data and any associated attributes have been created/updated.

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| **Notification Example – POST Geopolitical Affil Type** |
| {  "data":{  "affilTypeId" : "string",  "affilTypeCode": "string",  "affilTypeName": "string"  }  } |

* 1. UOM

Below is the format of the sample JSON message that will be placed on the JMS Topic when the UOM data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data": {  "uomTypeCd": "string",  "uomTypeNm": "string",  "uomTypeDesc": "string"  }  } |

* 1. SCRIPT

Below is the format of the sample JSON message that will be placed on the JMS Topic when the script data and any associated attributes have been created/updated.

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| **Notification Example** |
| {  "data":{  "scrptCd": "string",  "scrptNm": "string",  "scrptDesc": "string"  }  } |

* 1. LANGUAGE

Below is the format of the sample JSON message that will be placed on the JMS Topic when the language data and any associated attributes have been created/updated.

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| --- |
| **Notification Example** |
| {  "data":{  "langCd": "string",  "englLanguageNm": "string",  "nativeScriptLanguageNm": "string",  "translatedDOWs": [  {  "dowNbr": "string",  "transDowName": "string"  }  ],  "translatedMOYs": [  {  "mthOfYrNbr": "string",  "transMoyName": "string"  }  ]  }  } |

* 1. DAY OF WEEK

Below is the format of the sample JSON message that will be placed on the JMS Topic when the data of week data and any associated attributes have been created/updated.

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| **Notification Example – POST Day of Week** |
| {  "data":{  "dayOfweekNumber":"string",  "dayOfweekFullName":"string",  "dayOfweekShortName":"string"  }  } |

* 1. MONTH OF YEAR

Below is the format of the sample JSON message that will be placed on the JMS Topic when the month of year data and any associated attributes have been created/updated.

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| **Notification Example – POST Day of Week** |
| {  "data": {  "monthOfYearNumber":"string",  "monthOfYearShortName": "string"  }  } |

# Revision Information

* 1. Revisions

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Comments |
| 0.2 | 07/16/2019 | Mavericks Team | Initial version |
| 0.3 | 08/02/2019 | Mavericks Team | Removed "scrptCd": "string" from Language JMS Notification and added "scrptCd": "string" within Country JMS notification (within “Locale” and “Translated Geopolitical” |