



Implementation Agency for Crime and Security



Joint Regional Communications Centre

AVIATION API DATA ELEMENTS

Data relating to flight:

- **Flight Identification – (Mandatory) Validate**
(IATA Airline code and flight number)
For carriers which do not have an IATA designation, use aircraft registration as it appears on the aircraft
Data Type: String Length: 30
- **Scheduled Departure Date – (Mandatory) Validate**
Date of scheduled departure of aircraft
(Based on local time of departure location)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date
- **Scheduled Departure Time – (Mandatory) Validate**
Time of scheduled departure of aircraft
(Based on local time of departure location)
(24 Hour format as HH:MM:SS)
Data Type: Time
- **Scheduled Arrival Date– (Mandatory) Validate**
Date of scheduled arrival of aircraft
(Based on local time of arrival location)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date



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- **Scheduled Arrival Time – (Mandatory) Validate**
Time of scheduled arrival of aircraft
(Based on local time of departure location)
(24 Hour format as HH:MM:SS)
Data Type: Time
- **Last Place/Port of Call of Aircraft – (Mandatory) Validate**
(Departure Port)
(Aircraft departed from this last place/port of call to go to “place/port of aircraft initial arrival”)
Flight: 3 Letter Airport Code
- **Place/Port of Aircraft Initial Arrival – (Mandatory) Validate**
(Arrival Port)
(Place/port in the country of destination where the aircraft arrives from the “last place/port of call of aircraft”)
Flight: 3 Letter Airport Code
- **Subsequent Place/Port of Call within the country/domestic space – (Mandatory)**
(Subsequent place/port of call within the country/domestic space)
Flight: 3 Letter Airport Code
- **Number of Passengers on board – (Mandatory) Validate**
(Total number of passengers)
Data Type: Number Length: 6
- **Number of Crew on board – (Mandatory) Validate**
(Total number of crew on board)
Data Type: Number Length: 6



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Data relating to each individual on board:

(Core Data Elements of the Official Travel Document)

- **Official Travel Document Type – (Mandatory) Validate**
(Indicator to identify type of travel document)
Data Type: String Length: 60
- **Official Travel Document Number – (Mandatory) Validate**
(Passport or other official travel document number)
Data Type: String Length: 30
- **Issuing State or Organization of the Official Travel Document – (Mandatory) Validate**
(Name of the State or Organization responsible for the issuance of the official travel document)
(3 letter ISO Country Code) UNEDIFACT and XLS
(2 letter ISO Country Code) XML
(Nationality of the holder)
Data Type: String Length: 3
- **Expiration Date of Official Travel document – (Mandatory) Validate**
(Expiration date of the official travel document)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date
Persons travelling with a travel document without an expiry date should use the default date for the end of the current year until further notice. i.e. 2008 – the current year, the default date should be 2008-12-31
- **Last Name – (Mandatory) Validate**
(Last Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50



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- **First Name – (Mandatory) Validate**
(Last Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50
- **Middle Name – (Optional)**
(Middle Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50
- **Nationality – (Mandatory) Validate**
(Nationality of the holder)
(3 letter ISO Country Code)
(Nationality of the holder)
Data Type: String Length: 3
- **Date of Birth – (Mandatory) Validate**
(Date of birth of the holder)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date
- **Gender – (Mandatory) Validate**
(Gender of the holder)
(Male or Female) XML
(M or F) UNEDIFACT
(M or F) XLS
(Gender of the holder)
Data Type: Char Length: 6
- **Place of Birth – (Mandatory)**
(Place of birth such as city and country)
Data Type: String Length: 50
- **Traveler's Status – (Mandatory)**
(Passenger, Crew, In-transit)
Data Type: String Length: 25

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- **Place/Port of Original Embarkation (Departure) – (Mandatory) Validate**
(Place/Port where traveler originates foreign travel)
Flight: 3 Letter Airport Code
Data Type: String Length: 5
 - **Place/Port of Clearance – (Mandatory) Validate**
(Place/Port where traveler is cleared by the border control agencies)
Flight: 3 Letter Airport Code
Data Type: String Length: 5
 - **Place/Port of Onward Foreign Destination (Next port) – (Optional)**
(Foreign place/port where traveler is transiting to)
If traveler is not cleared by border control agencies indicate next port of arrival for this data element
Flight: 3 Letter Airport Code
Data Type: String Length: 5

Please be advised that in the near future carriers will be required to transmit data elements for **Primary Residence** (where traveler resides for most of the year) and **Destination Address** under Data Relating to Each Individual Passenger. The Joint Regional Communications Centre (JRCC) will inform carriers in advance thereby giving them the opportunity to make all changes necessary to capture the information and transmit it to the Centre.

Data relating to the Reporting Party:

- **Reporting Party Name – (Mandatory) Validate**
(Full Name of Reporting Party)
Data Type: String Length: 150
- **Reporting Party Telephone Number – (Mandatory) Validate**
(Telephone Number of the Reporting Party)
Data Type: String Length: 20

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- **Reporting Party Facsimile – (Mandatory) Validate**
(Facsimile Number of the Reporting Party)
Data Type: String Length: 20

GLOSSARY OF TERMS

Optional:	The Field can be omitted.
Mandatory:	Information is required.
Validate:	Application must check that the field is not empty or blank.

The information contained in this document is subject to change.



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MARITIME API DATA ELEMENTS

Data relating to voyage:

- **Vessel Identification Number – (Mandatory) Validate**
(Vessel Registration number or IMO number)
Data Type: String Length: 30
- **Vessel Identification Type – (Mandatory) Validate**
(Indicator to identify type of registration number used)
Data Type: String Length: 30
- **Vessel Name – (Mandatory) Validate**
(Name of Vessel)
Data Type: String Length: 100
- **Country of Registration – (Mandatory) Validate**
(Country where vessel is registered)
2 Letter ISO Country Code (XML)
3 Letter ISO Country Code (XLS)
Data Type: String Length: 2
- **Agent/Owner – (Mandatory) Validate**
(Name of agent for the vessel or where no Agent name of Owner)
Data Type: String Length: 100
- **Call Sign (where applicable) – (Optional)**
(The official Call Sign of the Vessel)
Data Type: String Length: 60
- **Scheduled Departure Date – (Mandatory) Validate**
Date of scheduled departure of vessel
(Based on local time of departure location)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date



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-
- **Scheduled Departure Time – (Mandatory) Validate**
Time of scheduled departure of vessel
(Based on local time of departure location)
(24 Hour format as HH:MM:SS)
Data Type: Time
 - **Scheduled Arrival Date– (Mandatory) Validate**
Date of scheduled arrival of vessel
(Based on local time of arrival location)
(YYYY-MM-DD) XML
(YMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date
 - **Scheduled Arrival Time– (Mandatory) Validate**
Time of scheduled arrival of vessel
(Based on local time of departure location)
(24 Hour format as HH:MM:SS)
Data Type: Time
 - **Last Place/Port of Call of Vessel– (Mandatory) Validate (Departure Port)**
(Vessel departed from this last place/port of call to go to “place/port of vessel or aircraft initial arrival”)
Vessel: 2 Letter Country Code and 3 Letter Seaport Code
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5
 - **Place/Port of Vessel Initial Arrival – (Mandatory) Validate (Arrival Port)**
(Place/port in the country of destination where the vessel arrives from the “last place/port of call of vessel”)
Vessel: 2 Letter Country Code and 3 Letter Seaport Code
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5



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- **Subsequent Place/Port of Call within the country/domestic space – (Mandatory)**
(Subsequent place/port of call within the country/domestic space)
Vessel: 2 Letter Country Code and 3 Letter Seaport Code (XML only)
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5
- **Number of Passengers on board – (Mandatory) Validate**
(Total number of passengers)
Data Type: Number Length: 6
- **Number of Crew on board – (Mandatory) Validate**
(Total number of crew on board)
Data Type: Number Length: 6

Data relating to each individual on board:

(Core Data Elements of the Official Travel Document)

- **Official Travel Document Number – (Mandatory) Validate**
(Passport or other official travel document number)
Data Type: String Length: 30
- **Issuing State or Organization of the Official Travel Document – (Mandatory) Validate**
(Name of the State or Organization Country responsible for the issuance of the official travel document)
(3 letter ISO Country Code) UNEDIFACT and XLS
(2 letter ISO Country Code) XML
(Nationality of the holder)
Data Type: String Length: 3
- **Official Travel Document Type – (Mandatory) Validate**
(Indicator to identify type of travel document)
Data Type: String Length: 60



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-
- **Expiration Date of Official Travel document – (Mandatory) Validate**
(Expiration date of the official travel document)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date
Persons travelling with a travel document without an expiry date should use the default date for the end of the current year until further notice. i.e. 2008 – the current year, the default date should be 2008-12-31
 - **Last Name – (Mandatory) Validate**
(Last Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50
 - **First Name – (Mandatory) Validate**
(Last Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50
 - **Middle Name – (Optional)**
(Middle Name of the holder as it appears on the official travel document.)
Data Type: String Length: 50
 - **Nationality – (Mandatory) Validate**
(Nationality of the holder)
(3 letter ISO Country Code)
(2 letter ISO Country Code) XML
(Nationality of the holder)
Data Type: String Length: 3
 - **Date of Birth– (Mandatory) Validate**
(Date of birth of the holder)
(YYYY-MM-DD) XML
(YYMMDD) UNEDIFACT
(YYYY/MM/DD) XLS
Data Type: Date



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- **Gender – (Mandatory) Validate**
(Gender of the holder)
(Male or Female) XML
(M or F) UNEDIFACT or XLS
(Gender of the holder)
Data Type: Char Length: 6
- **Place of Birth – (Mandatory)**
(Place of birth such as city and country)
Data Type: String Length: 50
- **Traveler's Status – (Mandatory)**
(Passenger, Crew, In-transit)
Data Type: String Length: 25
- **Place/Port of Original Embarkation (Departure) – (Mandatory) Validate**
(Place/Port where traveler originates foreign travel)
Vessel: 2 Letter Country Code and 3 Letter Seaport Code
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5
- **Place/Port of Clearance – (Mandatory) Validate**
(Place/Port where traveler is cleared by the border control agencies)
Vessel: 2 Letter Country Code and 3 Letter Seaport Code
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5
- **Place/Port of Onward Foreign Destination (Next Port) – (Optional)**
(Foreign place/port where traveler is transiting to)
If traveler is not cleared by border control agencies indicate next port of arrival for this data element
Vessel: 2 Letter Country Code and 3 Letter Seaport Code
Example: BBBGI [BB – Country Code; BGI - Port Code]
Data Type: String Length: 5



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Data relating to the Reporting Party:

- **Reporting Party Name – (Mandatory) Validate**
(Full Name of Reporting Party)
Data Type: String Length: 150
- **Reporting Party Telephone Number – (Mandatory) Validate**
(Telephone Number of the Reporting Party)
Data Type: String Length: 20
- **Reporting Party Facsimile – (Mandatory) Validate**
(Facsimile Number of the Reporting Party)
Data Type: String Length: 20

GLOSSARY OF TERMS

Optional:	The Field can be omitted.
Mandatory:	Information is required.
Validate:	Application must check that the field is not empty or blank.

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