Terrorist Watchlist Person Data Exchange Standard (TWPDES)
Version 3.0

Encounter Specification

Information Exchange Package Documentation (IEPD)

December 2009

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Document Revision History

Revision	Revised By	Date	Summary of Change
3.0 R0C0	C. J. Lee	12/4/2009	• Removed "Sensitive But Unclassified // For Official Use Only" markings in the document. • Removed references to "Controlled Unclassified Information". • Updated Version 1.2b to Version 3.0 to mark the changes.

1 Introduction

1.1 Purpose

The purpose of this document is to provide the United States (US) Government and the US law enforcement and intelligence communities with documentation of the *TWPDES 3.0 Encounter Specification*, for the exchange of information regarding encounters with known and suspected terrorists (KST). This specification includes an encounter model to be used when sharing information on screening events that have a terrorist nexus. Figure 1 shows the context in which this encounter model is to be used in the overall TWPDES context [5].
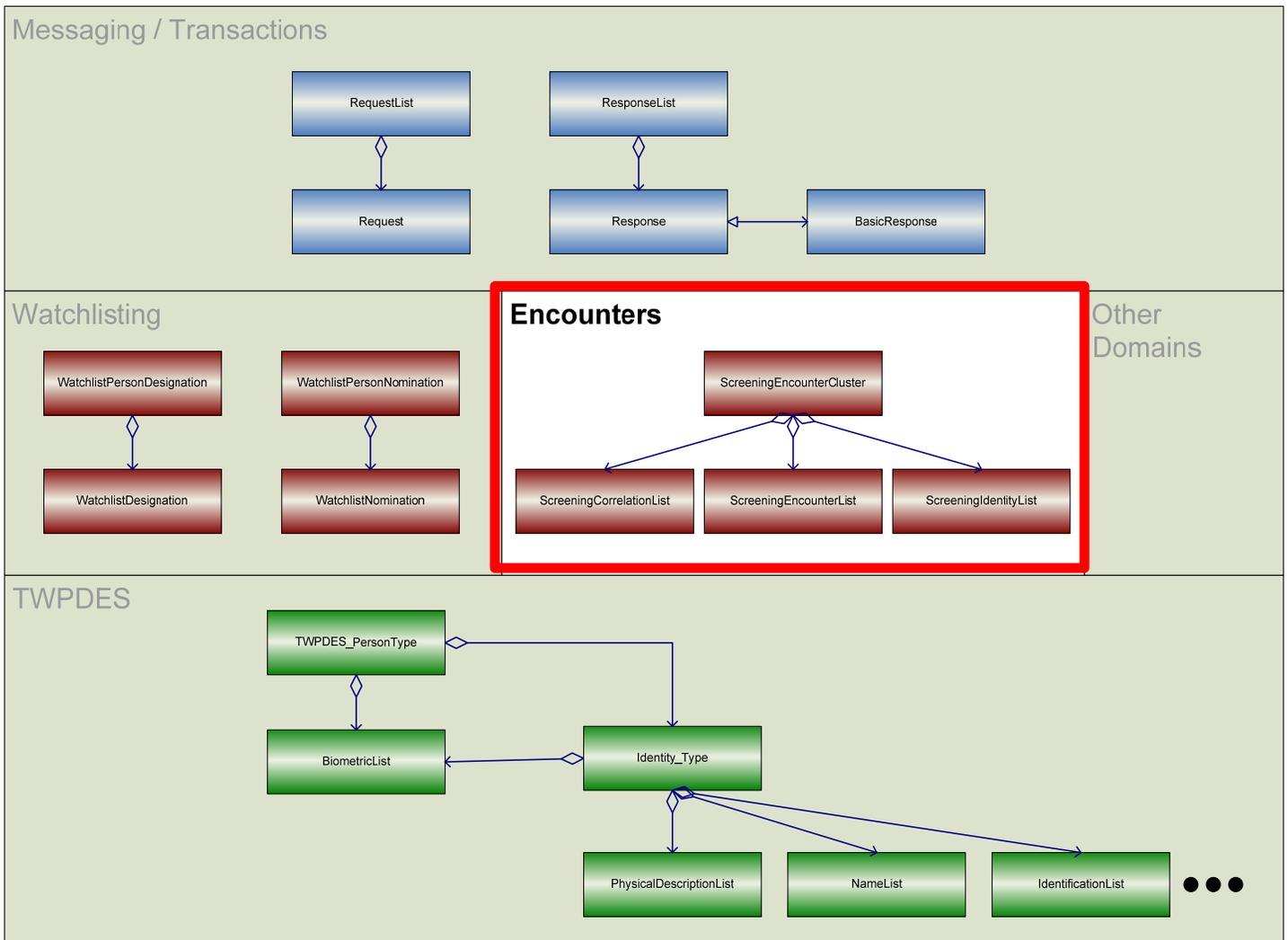

Figure 1: TWPDES Schema Context

1.2 External Schema Dependencies

The TWPDES 3.0 Encounter Specification utilizes a number of external schema dependencies from the National Information Exchange Model (NIEM). These schemas, and their respective locations, are listed below:

Item	Location
action.xsd	schemas/twpdes/action.xsd
appinfo.xsd	schemas/niem/appinfo/2.0/
IC-ISM-v2.xsd	schemas/niem/ic-ism/2.0/
infrastructureProtection.xsd	schemas/niem/domains/infrastructureProtection/
intelligence.xsd	schemas/niem/domains/intelligence/2.0/
internationalTrade.xsd	schemas/niem/domains/internationalTrade/2.0/
jxdm.xsd	schemas/niem/domains/jxdm/4.0/
niem-core.xsd	schemas/niem/niem-core/2.0/
screening.xsd	schema/niem/domains/screening/2.0/
structures.xsd	schemas/niem/structures/2.0/
twpdes-adaptor.xsd	schemas/twpdes/twpdes-adaptor/3.0/
xsd.xsd	schemas/niem/proxy/xsd/2.0

1.3 Principles

In developing the Encounter Specification, the primary goal was to allow a law enforcement (or screening) and intelligence agencies to exchange information about encounters, while leveraging existing standards as much as possible. As such, TWPDES 3.0 introduces a new standard that utilizes existing TWPDES and NIEM standards. When an element was created to support encounter information exchange, NIEM 2.0 data types were used whenever possible. If there was not an appropriate NIEM 2.0 type, TWPDES types were used if available. If no types were found in either standard to support the requirements, new types were created.

1.4 Requirements

The Encounter Specification was defined with the goal of supporting the electronic exchange of terrorist encounters including non-biographic content. There are three basic types of content supported by the schema:

a. Biographic and Situational Information – this is information that describes the encounter, including the identity presented, activity, location and time.

b. Biometric Information – this information may support "the automated recognition of individuals based on their biological and behavioral characteristics" (ISO/IEC JTC1 SC37 Working Group 1). For example, a person's fingerprint, iris scan, facial image, voice print, Deoxyribonucleic Acid (DNA), etc. [4].

c. Analysis Information – this information describes the relationship between one or more encounters and associated identities, including location and time proximity.

TWPDES 3.0 Encounter schema definition is backward compatible with TWPDES 1.2b Encounter messages, with the exception to remove the TWPDES 1.2b namespace reference "http:/twpdes.gov/twpdes/twpdes-adaptor/1.2b" and replace it with "http:/twpdes.gov/twpdes/twpdes-adaptor/3.0". Other than this change, an

encounter XML file that is valid for TWPDES 1.2b Encounter schema definition will also be valid for TWPDES 3.0 Encounter schema definition.

Note that an encounter XML file that is valid for TWPDES 3.0 Encounter schema definition may not be valid for TWPDES 1.2b Encounter schema definition. This is because some of the required fields in 1.2b are changed to be optional in 3.0 in addition to the new optional fields added to TWPDES 3.0 Encounter schema definition.

The Encounter specification provides a comprehensive standard for exchanging and sharing KST encounter information and encounter relationships across the entire intelligence and law enforcement communities. It supports all of the KST encounter scenarios in the communities, and provides cross-references to related suspicious activity reports (SARs) from the Information Sharing Environment (ISE) [1]. Consequently, users may constrain the standard to support only the specific scenarios applicable to their domain. The specification also has built-in extension mechanisms to support on-going community efforts in the development of an inter-agency encounter model.

2 Encounter Definition

An *encounter* is an *interaction* with a *person-of-interest (POI)*. A *POI* is one who possesses an identity that is associated with derogatory information residing in one or more *systems-of-record (SOR)* containing *KSTs.*

The Encounter specification is designed to convey encounter activity data (who, what, when, and where); the related watchlist searches performed; and the disposition and results of the KST and SOR analysis, including references to the SARs associated with the given encounter with the POI.

The initial step in the processing of an encounter is the collection of the activity information and an initial search on a screening system. The initial search-result indication of a possible encounter with a POI comes as a "hit" on a watchlist; news of this hit is then transmitted to an encounter management application for analysis.

The encounter is analyzed to determine if there is a match between the POI (i.e. a *screenee*) and a watchlisted identity. A discovery process is used to search multiple data repositories to verify the identity of the POI, utilizing identity information collected during the encounter. As a result of this analysis, a response is generated with a match disposition of positive or negative for the encounter. A positive encounter occurs when the screenee is determined to be a match for the KST on the watchlist.

The encounter specification can also be used to convey associations of related encounter and identity groups. For example, if an individual has been encountered multiple times, all encounters that have the same subject identity can be transmitted in a single report to the requestor. Associations can also be used to record and link identities associated with the screenee.

3 Message Construction

The Encounter Specification was designed with the goal of transporting encounter information. There are three different types of information that can be described by the encounter specification. They are:

a. **Encounter Nomination:** An initial encounter request to an encounter management application. No analysis or disposition is present in this instance. This request can also be a batch of encounters to process.
b. **Encounter Disposition:** A disposition response from an encounter management application. This information may or may not contain the encounter activity and analysis aspects. This response can contain a batch of encounters that have been processed.

c. **Encounter Analysis:** Message containing information that describes how one or more encounters, and their respective identities, are correlated.

3.1 Encounter Nomination

An encounter request is created to describe an encounter and transmit it to an encounter management system. The basic data required includes information describing who, when, where, and why:

- **Who:** Contains the identity information of the screenee, along with any associated individuals, tangibles, and references to any existing SARs.
- **When:** Date and time of the encounter.
- **Where:** Location of the encounter.
- **Why:** Watchlist/screening database searches which result in a "hit" as a possible match.

3.1.1 Encounter Nomination Elements and Attributes

The elements and attributes used in the Encounter Nomination schema are listed in Table 1 below.

	Element/Attribute	Description
1	/enc:EncounterNomination@act:designatedActionCode	Type of nomination (add, modify, delete, or no change) for the identity as a whole.
2	/enc:EncounterNomination@ism:classification	A simple type in which a name token is restricted to the US, non-US and joint classification portion mark abbreviations from the Controlled Access Program Coordination Office (CAPCO) Register.
3	/enc:EncounterNomination@ism:ownerProducer	ISO 3166-1 trigraph(s) of the owner or producer country(ies) and/or CAPCO-specified tetragraphs of international organizations. Either (a) a single trigraph or tetragraph or (b) a space-delimited list of trigraphs followed by tetragraphs. Trigraphs must be in alphabetical order and tetragraphs must be in alphabetical order.
4	/enc:EncounterNomination@ism:disseminationControls	Authorized dissemination control portion mark abbreviation(s). Either (a) a single abbreviation or (b) a space-delimited list of abbreviations in the order shown in the CAPCO Register. Exception: For the "REL" abbreviation, omit the country code trigraph(s) and instead place the trigraph(s) in the "releasableTo" attribute value.
5	/enc:EncounterNomination@ism:releasableTo	See Item 5 of Table 1 (Page 9) for the definition.
6	/enc:EncounterNomination@ism:classifiedBy	Use as specified by E.O. 12958.
7	/enc:EncounterNomination@ism:classificationReason	A text string containing one or more paragraph numbers, 1.4(a) through 1.4(h), taken from E.O. 12958, as amended. Enter the paragraph references as they should appear in a classification/declassification block.
8	/enc:EncounterNomination/enc:EncounterStatus/nc:StatusText	A status of the encounter nomination, e.g. "New", "Assigned", "Dispositioned", etc.
9	/enc:EncounterNomination/enc:EncounterStatus/nc:StatusDate	A date/time the status is set.
10	/enc:EncounterNomination/enc:EncounterStatus/nc:StatusDescriptionText	A description or definition of a status

	Element/Attribute	Description
11	/enc:EncounterNomination/enc:EncounterStatus/nc:StatusIssuerIdentification	An identification of a person who assigns the status, e.g. User ID.
12	/enc:EncounterNomination/enc:EncounterStatus/nc:StatusIssuerText	An organization or unit name which assigns the status.
13	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:PersonName	The name of the person whom the encounter nomination is assigned to.
14	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:ContactInformation/ContactEmailID	The email address of the assigned to person.
15	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:ContactInformation/nc:ContactMailingAddress	The mailing address of the assigned to person.
16	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:ContactInformation/nc:ContactTelephoneNumber	The telephone number of the assigned to person.
17	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:DocumentPrivacyActIndicator	True if the information is categorized as containing personal information subject to protection by the Privacy Act; false otherwise.
18	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/enc:EntityPersonContact/nc:DocumentRightsText	Exact text required to be displayed for the protection by the Privacy Act.
19	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/nc:EntityOrganization/nc:OrganizationAbbreviationText	An abbreviation, acronym, or code for an organization name of the assigned to person.
20	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/nc:EntityOrganization/nc:OrganizationBranchName	A name of the chapter or branch by which an organization is known within a larger group of organizations.

	Element/Attribute	Description
21	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Entity/nc:EntityOrganization/nc:OrganizationName	A name of the organization of the assigned to person.
22	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedToEntity/nc:Date	The date the encounter nomination is assigned.
23	/enc:EncounterNomination/enc:EncounterStatus/enc:EncounterAssignedByEntity/nc:Entity/	Entity who assigns the activity. See items 13 – 21 of this table for the elements/attributes applicable to an Entity.
24	enc:EncounterNomination/enc:EncounterMetadata	Metadata about the encounter record.
25	/enc:EncounterNomination/enc:EncounterMetadata/nc:AdministrativeID	An identifier (record ID) generated locally within a processing system used to identify the encounter.
26	/enc:EncounterNomination/enc:EncounterMetadata/ /nc:CommentText	Backward compatibility item. A remark, explanation, or observation about a person and the person's role in the encounter.
27	/enc:EncounterNomination/enc:EncounterMetadata/ ta:ClassifiableComments	A classifiable remark, explanation or observation about the encounter.
28	/enc:EncounterNomination/enc:EncounterMetadata/nc:DistribuionText	Allowable recipients of information; dissemination statement or instructions.
29	/enc:EncounterNomination/enc:EncounterMetadata/nc:EffectiveDate	A date the encounter information takes effect, that is, when the encounter record was created.
30	/enc:EncounterNomination/enc:EncounterMetadata/nc:LastUpdatedDate	A date the information in the encounter record was last modified.
31	/enc:EncounterNomination/enc:EncounterMetadata/nc:ReportedDate	Date information was observed, measured, identified, or became known.
32	/enc:EncounterNomination/enc:EncounterMetadata/nc SensitivityText	A sensitivity level of the information. It describes or distinguishes data that may or may not be classified (in the national security sense of TS, S, C, or U), but may be of a nature that requires some form of protection or special treatment. Examples may include "controlled with standard dissemination", "personally identifiable information", "proprietary" etc.
33	/enc:EncounterNomination/enc:EncounterMetadata/nc:CreatorName	A name of an entity primarily responsible for generating or producing the encounter record.

	Element/Attribute	Description
34	/enc:EncounterNomination/enc:EncounterMetadata/nc: DescriptionText	A description of the encounter record.
35	/enc:EncounterNomination/enc:EncounterMetadata/nc: RepositoryID	An identifier assigned in the repository from which the encounter information originated, e.g. the identifier of the encounter item in the source database/system. The repository name should be recorded in the property, "SourceText". See /enc:EncounterNomination/ enc:EncounterMetadata/ nc:SourceText. Note that an identifier specific to an activity should be recorded in the enc:EncounterActivity/ nc:ActivityIdentification property. See /enc:EncounterNomination/ enc:EncounterActivity/ nc:ActivityIdentification/ nc:IdentificationID.
36	/enc:EncounterNomination/enc:EncounterMetadata/nc: SourceIDText	A number or string set by a data provider so that information that is sent can be retraced back to its source.
37	/enc:EncounterNomination/enc:EncounterMetadata/nc: PublisherName	A name of an entity responsible for the publication of the information.
38	/enc:EncounterNomination/enc:EncounterMetadata/nc: ReleaseDate	A date the information was first released for dissemination.
39	/enc:EncounterNomination/enc:EncounterMetadata/nc: SourceText	A name of a resource from which the information was taken. See /enc:EncounterNomination/ enc:EncounterMetadata/ nc:RepositoryID.
40	/enc:EncounterNomination/enc:EncounterMetadata/enc :SequenceNumber	Version number of this encounter record. This field can be used to indicate if the encounter record has changed if LastUpdatedDate is not available.
41	/enc:EncounterNomination/enc:EncounterMetadata/enc :AdditionalDetailsIndicator	An indicator that designates more details about this encounter are available at the authoring/originating agency than what has been provided in the message.
42	/enc:EncounterNomination/enc:EncounterMetadata/enc :AdditionalDetailsCommentText	A comment that explains the nature or characteristics of the additional details. For example, privacy issues, classified information, etc.
43	/enc:EncounterNomination/enc:EncounterMetadata/enc :EncounterMetadataAugmentation	Placeholder for exchange-specific extensions related to encounter metadata.
44	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityIdentification/nc:IdentificationID	A unique ID for this encounter activity. The associated system name should be recorded in "IdentificationSourceText". See /enc:EncounterNomination/ enc:EncounterActivity/ nc:ActivityIdentification/ nc:IdentificationSourceText. Note that an identifier specific to the encounter should be recorded in the

	Element/Attribute	Description
		/enc:EncounterMetadata/ nc:RepositoryID property. See /enc:EncounterNomination/ enc:EncounterMetadata/ nc:RepositoryID.
45	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityIdentification/nc:IdentificationSourceText	A person, organization, or locale/system which issues identification. See /enc:EncounterNomination/ enc:EncounterActivity/ nc:ActivityIdentification/nc:IdentificationID.
46	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityCategoryText	Category of this encounter activity, e.g. border crossing, traffic stop, etc.
47	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityDate or nc:ActivityDateRange	A full date of the encounter activity if the activity has taken place in one day; or a date range of the encounter activity if the activity has taken up more than a day.
48	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityDescriptionText	A description of the encounter activity.
49	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityName	A name of the encounter activity.
50	/enc:EncounterNomination/enc:EncounterActivity/nc: AcitityStatus	A status of the encounter activity.
51	/enc:EncounterNomination/enc:EncounterActivity/nc: ActivityReasonText	A reason for the encounter activity.
52	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentifier or enc: PersonIdentity or enc: PersonIdentityReference.	A system identifier of a person involved in the encounter activity, or an identity of the person (see below for detailed information), or an Extensible Markup Language (XML) reference to a person identity.
53	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/iceoi:Citiz enshipList/iceoi:Citizenship	Citizenship of the person.
54	enc:EncounterActivity/enc:EncounterPersonIdentity/en c:PersonIdentity /iceoi:CommentList/iceoi:Comment	Comments field to record distinguishing features or miscellaneous comments about the encountered subject.
55	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/iceoi:Com municationElementList/iceoi:CommunicationElement	A phone number of the person.

	Element/Attribute	Description
56	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi:LocationList/iceoi:Location/iceoi:PostalAddress /enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi:LocationList/iceoi:Location/iceoi:Usage = "PlaceofBirth"	A place of birth of the person.
57	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi:LocationList/iceoi:Location/iceoi:PostalAddress /enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi:LocationList/iceoi:Location/iceoi:Usage = "Residence"	A residence address of the person.
58	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi:NameList/iceoi:Name	A name of the person.
59	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/iceoi: PhysicalDescriptionList/iceoi: PhysicalDescription/iceoi:DateOfBirth	A date of birth of the person.
60	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i:EyeColor	An eye color of the person.
61	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i:Gender	Gender of the person.

	Element/Attribute	Description
62	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i:HairColor	A hair color of the person.
63	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i:Height	Height of the person.
64	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i:Race	Race of the person.
65	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentity/ iceoi: PhysicalDescriptionList/iceoi:PhysicalDescription/iceo i: Weight	Weight of the person.
66	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/enc:PersonIdentityReference	An XML reference of a person involved in the encounter activity.
67	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/intel:AgencyInterestCategory Text	A type of agency interest.
68	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/scr:PersonRole/scr:PersonRol eEffectiveDate	The date when the person role came into existence.
69	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/scr:PersonRole/scr:PersonRol eEndDate	The date when the person role ended.
70	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterPersonIdentity/scr:PersonRole/scr:PersonRol eCategoryText	A role of a person involved in the encounter activity, e.g. screenee, associates, etc.

	Element/Attribute	Description
71	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments	A classifiable remark, explanation, or observation about a person and the person's role in the encounter.
72	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments/enc:AssociatesInfoIndicator	An indicator indicating that the comment contains information about the associate(s) of this person.
73	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments/enc:FamilyMembersInfoIndicator	An indicator indicating that the comment contains information about the family member(s) of this person.
74	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments/enc:UnknownAssociationInfoIndicator	An indicator indicating that the comment contains information about suspected/potential associate(s) of this person. UnknownAssociationInfoIndicator is used instead of NoAssicationPersonInfoIndicator if there is suspicion that there is an association between the person and the people in the comments.
75	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments/enc:NoAssociationPersonInfoIndicator	An indicator indicating that the comment contains information about people that have no known association with this person. NoAssociationPersonInfoIndicator is used instead of UnknownAssociationInfoIndicator if it is certain that there is no association between the person and the people in the comments. The information may be useful for future linkage analysis.
76	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/enc:PersonIdentityComments/ta:ClassifiableComments	A classifiable comment about the person identity.
77	/enc:EncounterNomination/enc:EncounterActivity/enc:EncounterPersonIdentity/nc:CommentText	Backward compatibility item. A remark, explanation, or observation about a person and the person's role in the encounter.
78	/enc:EncounterNomination/enc:EncounterActivity/nc:Location or nc:LocationReference	Details about the location of this encounter or an XML reference to the location of this encounter.
79	/enc:EncounterNomination/enc:EncounterActivity/nc:Location/nc:LocationCategoryText	A category of the location, e.g. interior, exterior, border crossing, etc.
80	/enc:EncounterNomination/enc:EncounterActivity/intel:AgencyInterestCategoryText	A type of agency interest.

	Element/Attribute	Description
81	/enc:EncounterNomination/enc:EncounterActivity/enc:PersonPresentIndicator	An indicator indicating whether the encountered person is physically present at the encounter location.
82	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryIdentification/nc:IdentificationID	An identification string for the itinerary.
83	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryIdentification/nc:IdentificationStatus/nc:StatusText	A status of the itinerary, e.g. "Original", "Modified", etc.
84	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryIdentification/nc:IdentificationStatus/nc:StatusDate/nc:DateTime	A date/time the status is set.
85	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryIdentification/nc:IdentificationStatus/nc:StatusDescriptionText	A description of the itinerary status.
86	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryIdentification/nc:IdentificationStatus/nc:StatusIssuerText	A person and his/her organization who issued the status.
87	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryArrivalDate	Date/time of the arrival.
88	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/it:ItineraryDepartureDate	Date/time of the departure.
89	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/ enc:PersonIdentityReference	An XML reference to the person/identity in the encounter activity that has this itinerary.
90	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:TravelModeRepresentation	The manner of transport used by a person during the encounter. This is a substitution group with an arbitrary type.
91	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:FlightInformation/ip:FlightIdentification/nc:IdentificationID	FlightInformation is a specific substitution of TravelModeRepresentation. Flight number.
92	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:FlightInformation/	FlightInformation is a specific substitution of TravelModeRepresentation. Airline abbreviation/code and name.

	Element/Attribute	Description
	ip:Airline/nc:OrganizationAbbreviationText /enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/ ip:Airline/nc:OrganizationName	
93	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc:FacilityIdentification/nc:Iden tificationID /enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc:FacilityName	FlightInformation is a specific substitution of TravelModeRepresentation. Departure airport abbreviation/code and name.
94	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc:FacilityLocation/nc:Location Address	FlightInformation is a specific substitution of TravelModeRepresentation. Location address of the departure airport.
95	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc: FacilityContactInformation/nc:ContactEmailID	FlightInformation is a specific substitution of TravelModeRepresentation. Email contact information of the departure airport.
96	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc: FacilityContactInformation/nc:ContactTelephoneNumb er	FlightInformation is a specific substitution of TravelModeRepresentation. Telephone number contact information of the departure airport.
97	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc: FacilityContactInformation/nc:ContactFaxNumber	FlightInformation is a specific substitution of TravelModeRepresentation. Fax number contact information of the departure airport.
98	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart	FlightInformation is a specific substitution of TravelModeRepresentation. Website of the departure airport.

	Element/Attribute	Description
	ureAirportInformation/nc: FacilityContactInformation/nc:ContactWebsiteURI	
99	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/nc: FacilityContactInformation/nc:ContactEntity/enc:Entit yPersonContact/	FlightInformation is a specific substitution of TravelModeRepresentation. The point of contact at the departure airport facility. See items 13 – 16 of this table for the elements/attributes applicable to an EntityPersonContact.
100	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/scr:ActivityTerminalID	FlightInformation is a specific substitution of TravelModeRepresentation. A terminal in the departure airport.
101	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Depart ureAirportInformation/enc:Gate	FlightInformation is a specific substitution of TravelModeRepresentation. A gate number in the departure airport.
102	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Arrival AirportInformation/	FlightInformation is a specific substitution of TravelModeRepresentation. See items 93 – 101 of this table for the elements/attributes applicable to an arrival airport.
103	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Travel Category	FlightInformation is a specific substitution of TravelModeRepresentation. A travel category, e.g. international, domestic, etc.
104	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:SeatNu mber	FlightInformation is a specific substitution of TravelModeRepresentation. A seat number for the person on the flight.
105	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:ClassO fService	FlightInformation is a specific substitution of TravelModeRepresentation. A class of service for the person on the flight, e.g. first class, business, economy, etc.
106	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Boardi ngStatus/nc:StatusText /enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Boardi	FlightInformation is a specific substitution of TravelModeRepresentation. Boarding status, e.g. on time, delayed, cancelled, etc. and the date/time when the status was issued.

	Element/Attribute	Description
	ngStatus/nc:StatusDate	
107	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/Connecting TravelMode	FlightInformation is a specific substitution of TravelModeRepresentation. Connecting travel mode (e.g. connecting flight, connecting train, etc.) information.
108	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:FlightInformation/enc:Transp ortationReference	FlightInformation is a specific substitution of TravelModeRepresentation. An XML reference to the aircraft in the encounter activity.
109	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/enc:DepartureLocation	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. Departure location of the pedestrian travel (e.g. the walking/hiking tour).
110	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/enc:TransitLocation	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. Transit location of the pedestrian travel (e.g. the walking/hiking tour).
111	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/enc:ArrivalLocation	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. Arrival location of the pedestrian travel (e.g. the walking/hiking tour).
112	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/ip:Crew	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. A crew member of the pedestrian travel (e.g. the walking/hiking tour).
113	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/ip:CrewReference	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. Reference to a crew member of the pedestrian travel (e.g. the walking/hiking tour).
114	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc: PedestrianTravelInformation/enc:TravelCategory	PedestrianTravelInformation is a specific substitution of TravelModeRepresentation. Category of the pedestrian travel.
115	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Rail Identification	RailLineInformation is a specific substitution of TravelModeRepresentation. An identification of a rail or train.
116	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Rail	RailLineInformation is a specific substitution of TravelModeRepresentation. A name of the rail company.

	Element/Attribute	Description
	Company	
117	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Dep artureStation	RailLineInformation is a specific substitution of TravelModeRepresentation. A train station where the person departs from.
118	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Tran sitStation	RailLineInformation is a specific substitution of TravelModeRepresentation. Transit train station.
119	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Arri valStation	RailLineInformation is a specific substitution of TravelModeRepresentation. A train station for arrival.
120	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/ip:Crew	RailLineInformation is a specific substitution of TravelModeRepresentation. A crew member of the train.
121	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/ip:Crew Reference	RailLineInformation is a specific substitution of TravelModeRepresentation. Reference to a crew member of the train.
122	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/ip:Passe nger	RailLineInformation is a specific substitution of TravelModeRepresentation. A passenger on the train associated with the POI.
123	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Trav elCategory	RailLineInformation is a specific substitution of TravelModeRepresentation. Travel category.
124	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Seat Number	RailLineInformation is a specific substitution of TravelModeRepresentation. An identifier of the seat of the POI on the train.
125	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Clas sOfService	RailLineInformation is a specific substitution of TravelModeRepresentation. The class of service, e.g. first class, business class,
126	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:RailLineInformation/enc:Boar dingStatus	RailLineInformation is a specific substitution of TravelModeRepresentation. Boarding status, e.g. on time, delayed, cancelled, etc. and the date/time when the status was issued.

	Element/Attribute	Description
127	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:RailLineInformation/enc:ConnectingRailline	RailLineInformation is a specific substitution of TravelModeRepresentation. Connecting train information.
128	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:RailLineInformation/enc:TransportationReference	RailLineInformation is a specific substitution of TravelModeRepresentation. An XML reference to the train in the encounter activity.
129	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/nc:VehicleIdentification	VehicleInformation is a specific substitution of TravelModeRepresentation. A unique combination of alphanumeric characters that identifies a specific vehicle.
130	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation /nc:Vehicle	Vehicle make, model and color information.
131	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:VehicleOwnerEntity	An entity that owns the vehicle.
132	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:DepartureLocation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A location where the vehicle departs from.
133	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:TransitLocation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A transit location of the vehicle.
134	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:ArrivalLocation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A location where the vehicle arrives at.
135	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:DepartureStation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A station where the vehicle departs from.
136	/enc:EncounterNomination/enc:EncounterActivity/enc:ItineraryInformation/enc:VehicleTravelInformation/enc:TransitStation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A transit station of the vehicle.

	Element/Attribute	Description
137	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :ArrivalStation	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A station where the vehicle arrives.
138	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/ip: Crew	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A crew member of the vehicle.
139	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/ip: CrewReference	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. Reference to a crew member of the vehicle.
140	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/ip: Passenger	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. A passenger of the vehicle.
141	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/ip: PassengerReference	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. Reference to a passenger of the vehicle.
142	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :TravelCategory	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. Travel category.
143	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :SeatNumber	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. An identifier of the seat of the POI in the vehicle.
144	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :ClassOfService	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. The class of service, e.g. first class, business class,
145	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :BoardingStatus	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. Boarding status, e.g. on time, delayed, cancelled, etc. and the date/time when the status was issued.
146	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :ConnectingVehicle	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. Connecting vehicle information.

	Element/Attribute	Description
147	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VehicleTravelInformation/enc :TransportationReference	VehicleTravelInformation is a specific substitution of TravelModeRepresentation. An XML reference to the train in the encounter activity.
148	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VesselTravelInformation/nc: VesselIdentification	VesselInformation is a specific substitution of TravelModeRepresentation. A unique combination of alphanumeric characters that identifies a specific Vessel.
149	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VesselTravelInformation /ta:TWPDESVessel	Vessel make, model, and other physical information.
150	/enc:EncounterNomination/enc:EncounterActivity/enc: ItineraryInformation/enc:VesselTravelInformation/enc: VesselOwnerEntity	An entity that owns the vessel.
151	/enc:EncounterNomination/enc:EncounterActivity/enc: TransportationRepresentation	The type of transport used by a person during the encounter. This is a substitution group with an arbitrary type.
152	/enc:EncounterNomination/enc:EncounterActivity/enc: AircraftInformation/nc:ItemName	AircraftInformation is a specific substitution of TransportationRepresentation. A name of the aircraft.
153	/enc:EncounterNomination/enc:EncounterActivity/enc: AircraftInformation/nc:ItemDescriptionText/	Description of the aircraft, e.g. number of passengers this aircraft can carry.
154	/enc:EncounterNomination/enc:EncounterActivity/enc: AircraftInformation/nc:ConveyanceEngineQuantity	Number of engines in the aircraft.
155	/enc:EncounterNomination/enc:EncounterActivity/enc: AircraftInformation/nc:AircraftMakeCode	A code for the make of the aircraft.
156	/enc:EncounterNomination/enc:EncounterActivity/enc: AircraftInformation/nc:AircraftModelCode	A code for the model of the aircraft.
157	/enc:EncounterNomination/enc:EncounterActivity/enc: TrainInformation/	Train information, if relevant, for this encounter activity.
158	/enc:EncounterNomination/enc:EncounterActivity/enc: VehicleInformation/	Vehicle information, if relevant, for this encounter activity.
159	/enc:EncounterNomination/enc:EncounterActivity/enc: VesselInformation/	Vessel information, if relevant, for this encounter activity.

	Element/Attribute	Description
160	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment//it:PackageCategoryText	The category of the shipment.
161	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment//it:PackageItemQuantity	Number of items in the shipment.
162	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment//enc:SendDate	Date when the shipment is sent.
163	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment//enc:SenderInfo	Sender of the shipment
164	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment//enc:ReceiptDate	Date when the shipment is received
165	/enc:EncounterNomination//enc:EncounterActivity//enc:Shipment /enc:RecipientInfo	Recipient information
166	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//nc:DocumentBinary	A binary encoding of the content of the document/supporting information.
167	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//DocumentCategoryName	A name of a category of information in a document to indicate whether this is a visa application, benefit application, or job application, etc.
168	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation /nc:DocumentCountryCode	A country being discussed in a document.
169	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation /nc:DocumentCreationDate	A date a document was created.
170	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/nc:DocumentEffectiveDate	A date the information in a document takes effect.
171	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/nc:DocumentExpirationDate	A date a document should be removed from a registry or index.
172	/enc:EncounterNomination/enc:EncounterActivity//enc:SupportingInformation//nc:DocumentFileDate	A date a document was filed.
173	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/nc:DocumentLastModifiedDate	A date a document was last changed.

	Element/Attribute	Description
174	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/nc:DocumentPrivacyActIndicator	True if a document is categorized as containing personal information subject to protection by the Privacy Act; false otherwise.
175	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/nc:DocumentPublicationDate	A date of the first public dissemination of the content in any media.
176	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/nc:DocumentReceivedDate	A date a transmitted document was received.
177	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//nc:DocumentRightsText	Rights held in and over the resource. Rights are the constraints applied to assure the protection of privacy or intellectual property, and any special restrictions, limitations or warning on using a shared resource. For example, the text could be "Potentially U.S. Person information; handle in accordance with U.S. Person rules".
178	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//nc:DocumentSource	An entity that was the source of a document.
179	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/enc:DocumentSubcategoryRepresentation	A subcategory of a document. The subcategory is used to further categorize the document. The acceptable values should come from an enumerated list and the list should be defined in each exchange-specific Interface Control Document (ICD) and linked to this element using substitution. For example, visa type. enc:VisaType
180	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//enc:VisaType	VisaType is a specific substitution of DocumentSubcategoryRepresentation. A type of visa from the People Screening domain.
181	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//intel:OccupationName	Name of occupation.
182	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//j:VisitationPurposeText"	A purpose or reason for a visit.
183	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//enc:EstimatedArrivalDate	Estimated arrival time of the traveler discussed in the document.
184	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation /PersonApplicantContact	Name and contact information of the applicant.

	Element/Attribute	Description
185	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation /enc:PersonSponsorContact	Contact information of a sponsor, the information includes privacy caveat.
186	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation//enc:PersonPOCContact	Contact information of a point of contact (POC), the information includes privacy caveat.
187	/enc:EncounterNomination//enc:EncounterActivity//enc:SupportingInformation/enc:FamilyKinshipAssociation	An expanded data type for kinship association from the AssociationType of NIEM-Core Domain. The Subject is "kinship" to the object. E.g. The Subject is the parent of the object. A data type for a connection, relationship, or involvement which link people and/or things together.
188	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/TangibleItemRepresentation	A substitution group for exchange-specific extensions related to tangible items.
189	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/ta:ClassifiableComments	A classifiable comment about the supporting information.
190	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/nc:AssociationBeginDate	A date when the kinship association begins.
191	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/nc:AssociationEndDate	A date when the kinship association ends.
192	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/enc:PersonSubjectReference	Reference to a person subject in the kinship association.
193	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/enc:PersonObjectReference	Reference to a person object in the kinship association.
194	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/enc:nc:FamilyKinshipCategory	The category of kinship/relationship between subject and the object in the kinship association.
195	/enc:EncounterNomination/enc:EncounterActivity/enc:SupportingInformation/enc:FamilyKinshipAssociation/nc:DocumentPrivacyActIndicator	True if the documented kinship is categorized as containing personal information subject to protection by the Privacy Act; false otherwise.

	Element/Attribute	Description
196	/enc:EncounterNomination/enc:EncounterActivity/enc: SupportingInformation/enc:FamilyKinshipAssociation/ nc:DocumentRightsText	Rights held in and over the kinship association. Rights are the constraints applied to assure the protection of privacy or intellectual property, and any special restrictions, limitations or warning on using a shared resource. For example, the text could be "Potentially U.S. Person information; handle in accordance with U.S. Person rules".
197	/enc:EncounterNomination/enc:EncounterActivity/enc: SupportingInformation/enc:FamilyKinshipAssociation/ enc:ta:ClassifiableComments	A classifiable remark, explanation, or observation about the kinship association.
198	/enc:EncounterNomination/enc:EncounterActivity/enc: SupportingInformation/ta:ClassifiableComments	A classifiable remark, explanation, or observation about the supporting information.
199	/enc:EncounterNomination/enc:EncounterActivity/enc: Target	Reuse from Suspicious Activity Report (SAR). Details about a target or object against which an action is taken. See ISE-SAR Function Specification for more information.
200	/enc:EncounterNomination/enc:EncounterActivity/enc: ActivityReportingEntity	An entity who reported the encounter or encountered the encounter or both. This is a classifiable entity and can have multiple instances.
201	/enc:EncounterNomination/enc:EncounterActivity/enc: ActivityReportingEntity/nc:EntityOrganization/nc:Org anizationAbbreviationText	An abbreviation/ORI of the organization whose staff reported this encounter activity.
202	/enc:EncounterNomination/enc:EncounterActivity/enc: ActivityReportingEntity/nc:EntityOrganization/nc:Org anizationLocation	An address of the organization whose staff reported this encounter activity.
203	/enc:EncounterNomination/enc:EncounterActivity/enc: ActivityReportingEntity /nc:EntityOrganization/nc:OrganizationName	A name of the organization whose staff reported this encounter activity.
204	/enc:EncounterNomination/enc:EncounterActivity/enc: AcityReportingEntity/enc:EntityPersonContact/	The person who reported this encounter activity. See items 13 – 16 of this table for the elements/attributes applicable to an EntityPersonContact.
205	/enc:EncounterNomination/enc:EncounterActivity/ ta:ClassifiableComments	A classifiable remark, explanation, or observation about this encounter activity.
206	/enc:EncounterNomination/enc:EncounterActivity/enc: EncounterActivityAugmentation	A placeholder for exchange-specific extensions related to encounter activity.

	Element/Attribute	Description
207	/enc:EncounterNomination/enc:SystemOfRecordSearch	The initial search(es) that triggered this encounter to be nominated. For example, the initial No Fly List screening that found the match between the screenee and an entry on the watchlist.
208	/enc:EncounterNomination/enc:SystemOfRecordSearch/enc:SystemOfRecordIdentification/ta:TWPDESIdetnificationID	An ID and its name
209	/enc:EncounterNomination/enc:SystemOfRecordSearch/enc:SystemOfRecordIdentification/intel:SystemName	The system where the above ID comes from.
210	/enc:EncounterNomination/enc:SystemOfRecordSearch/enc:SystemOfRecordIdentification/enc:ScreeneeReference	An XML reference to the screenee that matched the database record.
211	enc:SystemOfRecordSearch/enc:SystemOfRecordIdentification/intel:AgencySubjectInterest/intel:AgencySubjectHandling/intel:SubjectHandling/intel:SubjectHandlingDescriptionText	A description that identifies the action for the designated agency to take if a positive match between the screenee and the watchlist.
212	enc:SystemOfRecordSearch/enc:SearchCommentText	A classifiable comment field for the search.
213	/enc:EncounterNomination/enc:SystemOfRecordSearch/nc:Disposition/nc:DispositionEntity	An agency responsible for making a disposition decision.
214	/enc:EncounterNomination/enc:SystemOfRecordSearch/nc:Disposition/nc:DispositionDate	A date a disposition occurred.
215	/enc:EncounterNomination/enc:SystemOfRecordSearch/nc:Disposition/nc:DispositionText	A result of a disposition, e.g. positive, negative, inconclusive, etc.
216	/enc:EncounterNomination/enc:SystemOfRecordSearch/nc:Disposition/nc:DispositionCategoryText	A category of the disposition, e.g. international, domestic, non-terrorism, etc. for database match dispositions; or preliminary, interim, final, etc. for agency encounter dispositions.
217	/enc:EncounterNomination/enc:SystemOfRecordSearch/enc:SearchPerformedByEntity	The classifiable entity that performed the database check.
218	/enc:EncounterNomination/enc:SystemOfRecordSearch	Date/time the database check was performed.

	Element/Attribute	Description
	h/enc:SearchDate	
219	/enc:EncounterNomination/enc:SystemOfRecordSearch/enc:SearchCommentText	A classifiable comment for search
220	/enc:EncounterNomination/enc:SARMetadata	Suspicious Activity Report is usually not generated prior to the nomination process since only a positive KST encounter is supposed to be written up in a SAR. A SAR is only generated after the encounter nomination has been dispositioned as a positive encounter. This optional element here is to support the scenario of retrospectively adding a new KST encounter from an existing SAR. See items 25 – 39 of this table for the elements/attributes applicable to metadata.
221	/enc:EncounterNomination/enc:SARMetadata/nc:DocumentSubmitter	An entity responsible for making the resource available.
222	/enc:EncounterNomination/enc:SARMetadata/enc:AdditionalDetailsIndicator	See item 41 of this table for the definition.
223	/enc:EncounterNomination/enc:SARMetadata/nc:DocumentPrivacyActIndicator	Indicates whether the document or report is categorized as containing personal information subject to protection by the Privacy Act.
224	/enc:EncounterNomination/enc:SARMetadata/enc:SARPrivacyPurgeDate, SARPrivacyPurgeReveiwDate and nc:TearlineIndicator.	See ISE-SAR Function Specification for more information.
225	/enc:EncounterNomination/enc:SARMetadata/enc:SARPOCInformation	The point of contact information for the SAR, intended for a person at the source Fusion Center.
226	/enc:EncounterNomination/enc:SARMetadata/enc:SARTitleText	Plain language title for the suspicious activity report (e.g., Bomb threat at the "X" Hotel).
227	/enc:EncounterNomination/enc:SARMetadata/enc:SARCaseIdentifier	The case identifier for the agency that originated the SAR. Often, this will be a local law enforcement agency. [free text field]
228	/enc:EncounterNomination/enc:SARMetadata/ta:TWPDESSystemIdentifier	The system identifier that contains the identifier value, identifier name and the system they belong to.
229	/enc:EncounterNomination/enc:SARMetadata/enc:SARMetadataAugmentation	Placeholder for exchange-specific extensions related to SAR metadata.

	Element/Attribute	Description
230	/enc:EncounterNomination/EncounterNominationAugmentation	Placeholder for exchange-specific extensions related to encounter nomination.

Table 1: Elements and Attributes for Encounter Nomination Schema

3.1.2 Encounter Nomination Sample Message Content

The following sample message is an encounter nomination example of a commercial airline screening analyst submitting via Transportation Security Administration an encounter nomination on a flight passenger who matched an entity on the watchlist.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<enc:EncounterNomination act:designatedActionCode="Add" ism:classification="U" ism:ownerProducer="USA">
      <enc:EncounterStatus>
            <nc:StatusText>New</nc:StatusText>
            <nc:StatusDate>
                  <nc:DateTime>2008-05-01T14:30:00</nc:DateTime>
            </nc:StatusDate>
            <nc:StatusIssuerText>Screening Call Center Analyst</nc:StatusIssuerText>
      </enc:EncounterStatus>
      <enc:EncounterMetadata>
            <!-- Call Center locally generated identifier for the encounter -->
            <nc:AdministrativeID>123456</nc:AdministrativeID>
            <nc:EffectiveDate>
                  <nc:DateTime>2008-05-01T14:30:00</nc:DateTime>
            </nc:EffectiveDate>
            <nc:CreatorName>Screening Call Center Analyst</nc:CreatorName>
            <enc:SequenceNumber>1</enc:SequenceNumber>
      </enc:EncounterMetadata>
      <enc:EncounterActivity ism:classification="U" ism:ownerProducer="USA">
            <nc:ActivityIdentification>
                  <!-- Call Center locally generated identifier for the activity  -->
                  <nc:IdentificationID>111</nc:IdentificationID>
            </nc:ActivityIdentification>
            <nc:ActivityCategoryText>Flight Passenger Screening</nc:ActivityCategoryText>
            <nc:ActivityDate>
                  <nc:DateTime>2008-05-01T08:00:00</nc:DateTime>
            </nc:ActivityDate>
```

```
            <nc:ActivityDescriptionText>The passenger John Doe matched John X Doe on the
watchlist.</nc:ActivityDescriptionText>
            <nc:ActivityName>Commercial Airline Routine Flight Screening</nc:ActivityName>
            <nc:ActivityReasonText>Candidate Watchlist Hit</nc:ActivityReasonText>
            <enc:EncounterPersonIdentity ism:ownerProducer="USA" ism:classification="U">
                    <enc:PersonIdentity iceoi:lastUpdated="2008-05-01T08:00:00" s:id="ENCID001">
                            <iceoi:NameList>
                                    <iceoi:Name>
                                            <iceoi:FullName Form="Original">John Doe</iceoi:FullName>
                                    </iceoi:Name>
                            </iceoi:NameList>
                            <iceoi:PhysicalDescriptionList>
                                    <iceoi:PhysicalDescription>
                                            <iceoi:DateOfBirth DateAccuracyIndicator="Exact">
                                                    <iceoi:Year>1960</iceoi:Year>
                                                    <iceoi:Month>01</iceoi:Month>
                                                    <iceoi:DayOfMonth>01</iceoi:DayOfMonth>
                                            </iceoi:DateOfBirth>
                                    </iceoi:PhysicalDescription>
                            </iceoi:PhysicalDescriptionList>
                    </enc:PersonIdentity>
                    <ta:ClassifiableComments>The screenee is not physically present during the
screening.</ta:ClassifiableComments>
            </enc:EncounterPersonIdentity>
            <enc:ActivityReportingEntity>
                    <nc:EntityOrganization s:id="ENCORG01">
                            <nc:OrganizationLocation>
                                    <nc:LocationAddress>
                                            <nc:AddressFullText>Transportation Security Administration's local
address</nc:AddressFullText>
                                    </nc:LocationAddress>
                            </nc:OrganizationLocation>
                            <nc:OrganizationName>Transportation Security Administration</nc:OrganizationName>
                    </nc:EntityOrganization>
                    <enc:EntityPersonContact s:id="ENCPRSN01">
                            <nc:PersonName>
                                    <nc:PersonFullName>TSA Analyst</nc:PersonFullName>
                            </nc:PersonName>
                            <nc:ContactInformation>
```

```xml
                                <nc:ContactTelephoneNumber>
                                    <nc:FullTelephoneNumber>
                                        <nc:TelephoneNumberFullID>(111) 111-1111</nc:TelephoneNumberFullID>
                                    </nc:FullTelephoneNumber>
                                </nc:ContactTelephoneNumber>
                            </nc:ContactInformation>
                    </enc:EntityPersonContact>
                </enc:ActivityReportingEntity>
        </enc:EncounterActivity>
        <enc:SystemOfRecordSearch>
                <enc:SystemOfRecordIdentification>
                    <nc:IdentificationID>Watchlist ID</nc:IdentificationID>
                    <intel:SystemName>Watchlist</intel:SystemName>
                    <enc:ScreeneeReference s:ref="ENCID001"/>
                </enc:SystemOfRecordIdentification>
                <enc:SearchPerformedByEntity>
                            <nc:EntityOrganizationReference s:ref="ENCORG01"/>
                </enc:SearchPerformedByEntity>
                <enc:SearchDate>
                    <nc:DateTime>2008-05-01T13:30:00</nc:DateTime>
                </enc:SearchDate>
        </enc:SystemOfRecordSearch>
</enc:EncounterNomination>
```

3.2 Encounter Disposition

An encounter disposition response conveys a high-level summary of the analysis of an encounter. This analysis includes a comparison of the information gathered through the encounter against identity information residing in one or more System(s) of Record (SOR). The primary information conveyed in this message is an encounter disposition (e.g., "positive," "negative," or "inconclusive").

3.2.1 Encounter Disposition Elements and Attributes

The elements and attributes used in the Encounter Nomination schema are listed in Table 2 below.

	Element/Attribute	Description
1	/enc:EncounterDisposition@act:designatedActionCode	Type of nomination (add, modify, delete, or no change) for the identity as a whole.
2	/enc:EncounterDisposition@ism:classification	A simple type in which a name token is restricted to the US, non-US, and joint classification portion mark abbreviations from the CAPCO Register.
3	/enc:EncounterDisposition@ism:ownerProducer	ISO 3166-1 trigraph(s) of the owner or producer country(ies) and/or CAPCO-specified tetragraphs of international organizations. Either (a) a single trigraph or tetragraph or (b) a space-delimited list of trigraphs followed by tetragraphs Trigraphs must be in alphabetical order and tetragraphs must be in alphabetical order.
4	/enc:EncounterDisposition@ism:disseminationControls	Authorized dissemination control portion mark abbreviation(s). Either (a) a single abbreviation or (b) a space-delimited list of abbreviations in the order shown in the CAPCO Register. Exception: For the "REL" abbreviation, omit the country code trigraph(s) and instead place the trigraph(s) in the "releasableTo" attribute value.
5	/enc:EncounterDisposition@ism:releasableTo	See Item 5 of Table 1 (Page 9) for the definition.
6	/enc:EncounterDisposition@ism:classifiedBy	Use as specified by E.O. 12958.
7	/enc:EncounterDisposition@ism:classificationReason	A text string containing one or more paragraph numbers, 1.4(a) through 1.4(h), taken from E.O. 12958, as amended. Enter the paragraph references as they should appear in a classification/declassification block.
8	/enc:EncounterDisposition/enc:EncounterStatus/	A status of the encounter record. See items 8 –23 in Section 3.1.1 for details of the elements and attributes for EncounterStatus.
9	/enc:EncounterDisposition/enc:EncounterMetadata/	Metadata about the encounter record. See items 25 – 43 in Section 3.1.1 for details of the elements and attributes for EncounterMetatdata.

	Element/Attribute	Description
10	/enc:EncounterDisposition/enc:EncounterActivity/	An encounter activity. See items 44 – 206 in Section 3.1.1 for details of the elements and attributes for EncounterActivity.
11	/enc:EncounterDisposition/enc:SystemOfRecordSearch	The search(es) that lead this encounter disposition.
12	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SystemOf RecordIdentification/nc:IdentificationID /enc:EncounterDisposition/enc:SystemOfRecordSearch/ enc:SystemOf RecordIdentification/intel:SystemName	An ID and system name of the database match.
13	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SystemOf RecordIdentification/enc:ScreeneeReference	An XML reference to the screenee that matched the database record.
14	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SystemOf RecordIdentification/intel:AgencySubjectInterest	Detailed description of why the data on the screenee is being searched in the agency's system of records.
15	/enc:EncounterDisposition/enc:SystemOfRecordSearch/ enc:SystemOf RecordIdentification/ nc:Disposition/ nc:DispositionEntity	The entity who dispositioned the database match.
16	/enc:EncounterDisposition/enc:SystemOfRecordSearch/ enc:SystemOf RecordIdentification/ nc:Disposition/ nc:DispositionDate	The date/time the database match was dispositioned.
17	/enc:EncounterDisposition/enc:SystemOfRecordSearch/ enc:SystemOf RecordIdentification/ nc:Disposition/ nc:DispositionText	Disposition of the database match, e.g. true, false, inconclusive, etc.
18	/enc:EncounterDisposition/enc:SystemOfRecordSearch/	A category of the disposition, e.g. international, domestic, non-terrorism,

	Element/Attribute	Description
	enc:SystemOf RecordIdentification/ nc:Disposition/ nc:DispositionCategoryText	etc.
19	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SearchPerformedByEntity	The entity performed the database check. See items 13 –19 in Section 4.1.1 for details of the elements and attributes for an Entity.
20	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SearchDate	Date/time the database check was performed.
21	/enc:EncounterDisposition/enc:SystemOfRecordSearch/enc:SearchCommentText	A remark, explanation, or observation on this system of record search.
22	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/enc:ScreeneeReference	An XML reference to the screenee matched an identity contained in a watchlist.
23	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/ WatlistSubject/ enc:PersonIdentifier or enc: PersonIdentity or enc: PersonIdentityReference.	A system identifier of the identity on the watchlist, or an identity of the person (see items 53 – 65 in Section 3.1.1 for details of the elements and attributes for PersonIdentity) on the watchlist, or an XML reference to a person identity on the watchlist.
24	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/ WatlistSubject/enc:SubjectTypeCode	The type of case (international or domestic) that the watchlist identity is subject to.
25	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/ WatlistSubject/ ta:ClassifiableComments	A classifiable remark, explanation, or observation on this watchlist identity.
26	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/enc:SystemOfRecordSearchReference	An XML reference to the system of record search where this match was identified.
27	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/enc:MatchScore	Score of the identity match. Used for inconclusive matches.

	Element/Attribute	Description
28	/enc:EncounterDisposition/enc:WatchlistIdentityMatch/enc: WatchlistMatchComments	A remark, explanation, or observation on this watchlist match.
29	/enc:EncounterDisposition/enc:AgencyDisposition @ism:SecurityAttributesOptionGroup	An optional security marking group.
30	/enc:EncounterDisposition/enc:AgencyDisposition/nc:Disposition/	A result or outcome that is the product of screening this encounter. See items 213 – 216 in Section 3.1.1 for details of the elements and attributes for Disposition.
31	/enc:EncounterDisposition/ enc:AgencyDisposition/ nc:CaseResolutionText	A result/resolution description of the disposition.
32	/enc:EncounterDisposition/ enc:AgencyDisposition/ ta:SubjectTypeCode	A category or type of the subject in the encounter.
33	/enc:EncounterDisposition/enc:AgencyDisposition/ enc: DispositionComments @ta:commentCategory	A category or type or kind of the disposition comment.
34	/enc:EncounterDisposition/ enc:AgencyDisposition/ enc: DispositionComments/ta:TextAuthor	Author of the disposition comment.
35	/enc:EncounterDisposition/ enc:AgencyDisposition/ enc: DispositionComments /ta:TextAuthorDate	Date of the disposition comment.
36	/enc:EncounterDisposition/ enc:AgencyDisposition/ enc: DispositionComments /ta:ClassifiableComments	A classifiable comment about the disposition.
37	/enc:EncounterDisposition/enc: AlertNotification/ im:AlertEntryText	Content text of the alert.
38	/enc:EncounterDisposition/ enc: AlertNotification/	Date of the notification.

	Element/Attribute	Description
	im:AlertEntryDate	
39	/enc:EncounterDisposition/ enc: AlertNotification/ enc:AgencyContactedEntity	A classifiable agency being contacted.
40	/enc:EncounterDisposition/ enc: AlertNotification/ enc:AgencyContactedEntity/ nc:EntityOrganization	Organization/agency contacted with the alert notification.
41	/enc:EncounterDisposition/enc: AlertNotification/ enc:AgencyContactedEntity/ nc:EntityOrganization/nc:OrganizationPrimaryContactIn formation	Contact information used for the notification. E.g. nc:OrganizationPrimaryContactInformation/nc:ContactFaxNumber/nc:FullTelephoneNumber/nc:TelephoneNumberFullID for recording the fax number if Facsimile is used to send the notification.
42	/enc:EncounterDisposition/enc: AlertNotification/ enc:NotificationMethodCode	Method used for notification, e.g. Facsimile Notification, Telephone Notification, etc.
43	/enc:EncounterDisposition/enc: AlertNotification/ nc:SourceContactPersonText	Person made the alert contact.
44	/enc:EncounterDisposition/enc: AlertNotification/ ta:ClassifiableComments	A classifiable comment field about the notification.
45	/enc:EncounterDisposition/enc: AlertNotification/ AlertNotificationAugmentation	Placeholder for exchange-specific extensions related to alert notification.
46	/enc:EncounterDisposition/enc:SARMetadata/	Metadata for Suspicious Activity Report(s) related to this encounter. See items 20 – 32 in Section 3.1.1 for details the elements and attributes for Metadata.
47	/enc:EncounterDisposition/enc: SARMetadata/nc:DocumentSubmitter	An entity responsible for making the SAR available.

	Element/Attribute	Description
48	/enc:EncounterDisposition/enc: SARMetadata/enc:AdditionalDetailsIndicator	See item 41 of Table 1 (Page 12) for the definition.
49	/enc:EncounterDisposition/enc: SARMetadata/nc:DocumentPrivacyActIndicator	Indicator designates whether the SAR contains personal information subject to protection by the Privacy Act or not.
50	/enc:EncounterDisposition/enc: SARMetadata/enc:SARPrivacyPurgeDate	Reuse from SAR. The date the privacy information in the SAR will be purged from the record system; general observation data is retained.
51	/enc:EncounterDisposition/enc: SARMetadata/enc:SARPrivacyPurgeReviewDate	Reuse from SAR. Date of review to determine the disposition of the privacy fields in a Detailed ISE-SAR record.
52	/enc:EncounterDisposition/enc: SARMetadata/nc:TearlineIndicator	See item 224 of Table 1 (Page 30) for the definition.
53	/enc:EncounterDisposition/enc: SARMetadata/enc:SARPOCInformation	The point of contact information for the SAR, intended for a person at the source Fusion Center.
54	/enc:EncounterDisposition/enc: SARMetadata/enc:SARTitleText	Plain language title for the suspicious activity report (e.g., Bomb threat at the "X" Hotel).
55	/enc:EncounterDisposition/enc: SARMetadata/enc:SARCaseIdentifier	The case identifier for the agency that originated the SAR. Often, this will be a local law enforcement agency. [free text field]
56	/ta:TWPDESSystemIdentifier	See item 228 of Table 1 (Page 30) for the definition.
57	/enc:EncounterDisposition/enc: SARMetadata/intel:SystemIdentifier	Backward compatibility item. System identifier and its system name to cross reference this SAR.
58	/enc:EncounterDisposition/enc: SARMetadata/enc:SARMetadataAugmentation	Placeholder for exchange-specific extensions related to SAR connection.

	Element/Attribute	Description
59	/enc:EncounterDisposition/enc:EncounterDispositionAugmentation	Placeholder for exchange-specific extensions related to encounter disposition.

Table 2: Elements and Attributes for Encounter Disposition Schema

3.2.2 Encounter Disposition Sample Message Content

The following sample message is an encounter disposition example. It is a confirmed disposition message to the encounter nomination example in Section 3.1.2.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<enc:EncounterDisposition act:designatedActionCode="Modify" ism:classification="U" ism:ownerProducer="USA">
      <enc:EncounterStatus>
            <nc:StatusText>Dispositioned</nc:StatusText>
            <nc:StatusDate>
                  <nc:DateTime>2008-05-01T15:30:00</nc:DateTime>
            </nc:StatusDate>
            <nc:StatusIssuerText>Screening Call Center Watch Commander</nc:StatusIssuerText>
      </enc:EncounterStatus>

      <enc:EncounterMetadata>
            <nc:AdministrativeID>123456</nc:AdministrativeID>
            <nc:EffectiveDate>
                  <nc:DateTime>2008-05-01T14:30:00</nc:DateTime>
            </nc:EffectiveDate>
            <nc:LastUpdatedDate>
                  <nc:DateTime>2008-05-01T15:30:00</nc:DateTime>
            </nc:LastUpdatedDate>
            <enc:SequenceNumber>2</enc:SequenceNumber>
      </enc:EncounterMetadata>

      <enc:WatchlistIdentityMatch>
            <enc:ScreeneeIdentity ism:ownerProducer="USA" ism:classification="U">
                  <enc:PersonIdentity iceoi:lastUpdated="2008-05-01T08:00:00" s:id="ENCID001">
                        <iceoi:NameList>
                              <iceoi:Name>
                                    <iceoi:FullName Form="Original">John Doe</iceoi:FullName>
                              </iceoi:Name>
                        </iceoi:NameList>
                        <iceoi:PhysicalDescriptionList>
                              <iceoi:PhysicalDescription>
                                    <iceoi:DateOfBirth DateAccuracyIndicator="Exact">
                                          <iceoi:Year>1960</iceoi:Year>
                                          <iceoi:Month>01</iceoi:Month>
```

```xml
                                <iceoi:DayOfMonth>01</iceoi:DayOfMonth>
                            </iceoi:DateOfBirth>
                        </iceoi:PhysicalDescription>
                    </iceoi:PhysicalDescriptionList>
                </enc:PersonIdentity>
        </enc:ScreeneeIdentity>
        <enc:WatchlistSubject>
            <enc:PersonIdentifier>
                <nc:IdentificationID>Watchlist ID</nc:IdentificationID>
                <intel:SystemName>Watchlist</intel:SystemName>
            </enc:PersonIdentifier>
            <enc:SubjectTypeCode>International</enc:SubjectTypeCode>
        </enc:WatchlistSubject>
</enc:WatchlistIdentityMatch>

<enc:AgencyDisposition>
        <nc:Disposition>
            <nc:DispositionEntity>
                <nc:EntityOrganization>
                    <nc:OrganizationName>Screening Call Center</nc:OrganizationName>
                </nc:EntityOrganization>
            <enc:EntityPersonContact>
                <nc:PersonName>
                    <nc:PersonFullName>Screening Call Center Commander</nc:PersonFullName>
                </nc:PersonName>
                <nc:ContactInformation>
                    <nc:ContactTelephoneNumber>
                        <nc:FullTelephoneNumber>
                            <nc:TelephoneNumberFullID>(111) 111-1111</nc:TelephoneNumberFullID>
                        </nc:FullTelephoneNumber>
                    </nc:ContactTelephoneNumber>
                </nc:ContactInformation>
            </enc:EntityPersonContact>
            </nc:DispositionEntity>
            <nc:DispositionDate>
                <nc:DateTime>2008-05-01T15:30:00</nc:DateTime>
            </nc:DispositionDate>
            <nc:DispositionText>Positive</nc:DispositionText>
        </nc:Disposition>
```

```
        </enc:AgencyDisposition>
</enc:EncounterDisposition>
```

3.3 Encounter Analysis

An encounter analysis message describes the relationships between one or more encounters and their associated identities and thereby provides a strong chance that these relationships will result in enhanced situational awareness .

3.3.1 Encounter Association

Encounter Association is based on the concept of a Resource Description Framework (RDF) Triple, found in the *W3C Resource Description Framework (RDF) Concepts and Abstract Syntax [7]*. In an RDF Triple, a *Subject* and *Object* are associated by a *Predicate*, which organizes the encounter and identities into a graph-based model. The possible correlation combinations are encounter-to-encounter, encounter-to-identity, and identity-to-identity.

In the Encounter model, the Subject and Object are encounter and identity elements. Each encounter and identity element can be associated with one or more other elements and the association is described by the Predicate, as illustrated in Figure 2

The Predicate defines the relationship between the top level elements. This association of encounters and/or identities allows a simple data graph to be constructed that may associate what may appear to be disparate entities. The Predicate is defined by references to elements inside the encounters and identities that are associated. The relationship value describes why they are associated. The method used for this determination is also specified. This method can be human analysis or an algorithm designed to determine the relationship.

For example, Figure 2 illustrates two encounters, where the subject match identities are determined to be the same identity by an analyst looking at these encounters. The Subject and Object references each encounter within the encounter cluster. Within the Predicate, the element references within the Subject and Object are pointing at the corresponding Identity elements. The Relationship is determined to be "equivalent identity." The method used to correlate the two encounters is "human analysis."
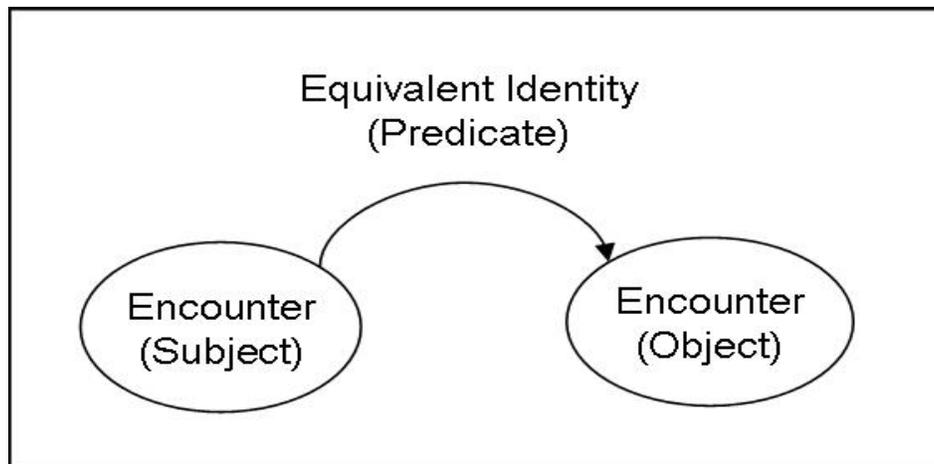
Figure 2: Encounter Linkage via Equivalent Identity

3.3.2 Encounter Analysis Elements and Attributes

The elements and attributes used in the Encounter Analysis schema are listed in Table 3 below.

	Element/Attribute	Description
1	/enc:EncounterAnalysis@act:designatedActionCode	Type of nomination (add, modify, delete, or no change) for the identity as a whole.
2	/enc:EncounterAnalysis@ism:classification	A simple type in which a name token is restricted to the US, non-US, and joint classification portion mark abbreviations from the CAPCO Register.
3	/enc:EncounterAnalysis@ism:ownerProducer	ISO 3166-1 trigraph(s) of the owner or producer country(ies) and/or CAPCO-specified tetragraphs of international organizations. Either (a) a single trigraph or tetragraph or (b) a space-delimited list of trigraphs followed by tetragraphs. Trigraphs must be in alphabetical order and tetragraphs must be in alphabetical order.
4	/enc:EncounterAnalysis@ism:disseminationControls	Authorized dissemination control portion mark abbreviation(s). Either (a) a single abbreviation or (b) a space-delimited list of abbreviations in the order shown in the CAPCO Register. Exception: For the "REL" abbreviation, omit the country code trigraph(s) and instead place the trigraph(s) in the "releasableTo" attribute value.
5	/enc:EncounterAnalysis@ism:releasableTo	See Item 5 of Table 1 (Page 9) for the definition.
6	/enc:EncounterAnalysis@ism:classifiedBy	Use as specified by E.O. 12958.
7	/enc:EncounterAnalysis@act:designatedActionCode	Type of nomination (add, modify, delete, or no change) for the identity as a whole.
8	/enc:EncounterAnalysis/enc:EncounterAssociation/nc:AssociationBeginDate	A date an association begins.
9	/enc:EncounterAnalysis/enc:EncounterAssociation/nc:AssociationEndDate	A date an association ends.
10	/enc:EncounterAnalysis/enc:EncounterAssociation/	An XML reference to the associated subject.

	Element/Attribute	Description
	enc:AssociationSubjectReference	
11	/enc:EncounterAnalysis/enc:EncounterAssociation/ enc:AssociationObjectReference	An XML reference to the associated object.
12	/enc:EncounterAnalysis/enc:EncounterAssociation/ enc:AssociationPredicate/enc:SubjectElementReference	An XML reference to the associated subject element that is or constitutes part of the association with the object.
13	/enc:EncounterAnalysis/enc:EncounterAssociation/ enc:AssociationPredicate/enc:ObjectElementReference	An XML reference to the associated object element that is or constitutes part of the association with the subject.
14	/enc:EncounterAnalysis/enc:EncounterAssociation/ enc:AssociationPredicate/enc:PredicateDescription Text	Relationship described by this predicate, e.g. equivalent identity, locale vicinity, etc.
15	/enc:EncounterAnalysis/enc:EncounterAssociation/ enc:AssociationPredicate/enc:PredicateMethodText	Method used for this predicate, e.g. human/manual, system name, etc.
16	/enc:EncounterAnalysis/enc:EncounterAssociation/ nc:CreatorName	A name of an entity primarily responsible for generating or producing the association.
17	/enc:EncounterAnalysis/enc:EncounterAssociation/ ta:ClassifiableComments	A classifiable remark, explanation, or observation of the association.
18	/enc:EncounterAnalysis/enc:ScreeningEncounter/	An interface between one or more identities of KST and a representative of a screening agency. See items 8 – 46 in Section 3.2.1 for details of the elements and attributes for an encounter and its dispositions.
19	/enc:EncounterAnalysis/enc:ScreeningEncounter enc:EncounterMetadata/	Metadata about the encounter record. See items 25 – 43 in Section 3.1.1 for details of the elements and attributes for EncounterMetatdata.

	Element/Attribute	Description
20	/enc:EncounterAnalysis/enc:ScreeningEncounter/enc:Screening EncounterAugmentation	Placeholder for exchange-specific extensions related to screening encounter.
21	/enc:EncounterAnalysis/enc:PersonIdentifier or enc: PersonIdentity or enc: PersonIdentityReference.	A system identifier of the identity on the watchlist, or an identity of the person (see items 53 – 65 in Section 3.1.1 for details of the elements and attributes for PersonIdentity) on the watchlist, or an XML reference to a person identity on the watchlist.
22	/enc:EncounterAnalysis/enc:EncounterAnalysisAugmentation	Placeholder for exchange-specific extensions related to encounter analysis.

Table 3: Elements and Attributes for Encounter Screening Schema

3.3.3 Encounter Analysis Sample Message Content

The following sample message is an encounter analysis example. It is a variation of the suspicious activity scenario described by the executive director of the Integrated Justice Information Systems (IJIS) Institute[3]. The two encounters are linked by similar activities. One encounter involved a person who approached a guard at a nuclear plant and asked a series of suspicious questions, such as where he had obtained his uniform. The guard also submitted the vehicle plate number of the car this person was driving. The other encounter involved another person asking a worker at a different nuclear plant similar questions. The following sample message shows how these encounters can be linked and disseminated using the Encounter schema.

```
<?xml version="1.0" encoding="UTF-8"?>
<enc:EncounterAnalysis act:designatedActionCode="Add" ism:classification="U" ism:ownerProducer="USA">
     <enc:EncounterAssociation ism:ownerProducer="USA" ism:classification="U">
          <nc:AssociationBeginDate>
               <nc:DateTime>2008-05-10T14:00:00</nc:DateTime>
          </nc:AssociationBeginDate>
          <enc:AssociationSubjectReference s:ref="ENC0001"/>
          <enc:AssociationObjectReference s:ref="ENC0002"/>
          <enc:AssociationPredicate>
               <enc:SubjectElementReference s:ref="ENCIDLNK12a"/>
               <enc:ObjectElementReference s:ref="ENCIDLNK21a"/>
               <enc:PredicateDescriptionText>Both targets are nuclear facilities.</enc:PredicateDescriptionText>
               <enc:PredicateMethodText>Human/Manual</enc:PredicateMethodText>
```

```xml
            </enc:AssociationPredicate>
            <enc:AssociationPredicate>
                    <enc:SubjectElementReference s:ref="ENCIDLNK12b"/>
                    <enc:ObjectElementReference s:ref="ENCIDLNK21b"/>
                    <enc:PredicateDescriptionText>Tactics used in both encounters are
similar.</enc:PredicateDescriptionText>
                    <enc:PredicateMethodText>Human/Manual</enc:PredicateMethodText>
            </enc:AssociationPredicate>
     </enc:EncounterAssociation>
     <enc:ScreeningEncounter ism:ownerProducer="USA" ism:classification="U" s:id="ENC0001">
            <enc:EncounterMetadata>
                    <!-- Call Center locally generated identifier for the encounter -->
                    <nc:AdministrativeID>654321</nc:AdministrativeID>
                    <nc:EffectiveDate>
                            <nc:DateTime>2008-05-10T14:30:00</nc:DateTime>
                    </nc:EffectiveDate>
                    <nc:LastUpdatedDate>
                            <nc:DateTime>2008-05-20T15:30:00</nc:DateTime>
                    </nc:LastUpdatedDate>
                    <nc:CreatorName>Screening Call Center Analyst</nc:CreatorName>
                    <enc:SequenceNumber>2</enc:SequenceNumber>
            </enc:EncounterMetadata>
            <enc:EncounterActivity ism:classification="U" ism:ownerProducer="USA">
                    <nc:ActivityIdentification>
                            <!-- Call Center locally generated identifier for the activity  -->
                            <nc:IdentificationID>1111</nc:IdentificationID>
                    </nc:ActivityIdentification>
                    <nc:ActivityCategoryText>Vehicle Plate Check</nc:ActivityCategoryText>
                    <nc:ActivityDate>
                            <nc:DateTime>2008-05-10T14:00:00</nc:DateTime>
                    </nc:ActivityDate>
                    <nc:ActivityDescriptionText s:id="ENCIDLNK12b">The individual approached a guard at the nuclear plant
and asked a series of suspicious questions, such as where he had obtained his uniform. The guard reported that the
person asked the questions and noted the vehicle plate number as the individual drove
away.</nc:ActivityDescriptionText>
                    <nc:ActivityReasonText>Vehicle Plate matched an entry on the watchlist.</nc:ActivityReasonText>
                    <enc:EncounterPersonIdentity ism:ownerProducer="USA" ism:classification="U">
                            <enc:PersonIdentity iceoi:lastUpdated="2008-05-01T08:00:00" s:id="ENCID011">
                                    <iceoi:IdentificationList>
```

```xml
                                <iceoi:Identification>
                                        <iceoi:IdentifierType>VehiclePlateNumber</iceoi:IdentifierType>
                                        <iceoi:Identifier>NY111111111</iceoi:Identifier>
                                        <iceoi:Authority>NY DMV</iceoi:Authority>
                                </iceoi:Identification>
                        </iceoi:IdentificationList>
                </enc:PersonIdentity>
        </enc:EncounterPersonIdentity>
        <enc:Target>
                <j:TargetLocation>
                        <nc:LocationArea >
                                <nc:AreaDescriptionText>6 NI NE of Oswego, NY</nc:AreaDescriptionText>
                        </nc:LocationArea>
                </j:TargetLocation>
                <j:TargetName>Nine Mile Point 1 Boiling Water Reactor</j:TargetName>
                <enc:CriticalInfrastructureIndicator>true</enc:CriticalInfrastructureIndicator>
                <j:TargetSectorCode s:id="ENCIDLNK12a">NCLR</j:TargetSectorCode>
        </enc:Target>
        <enc:ActivityReportingEntity>
                <nc:EntityOrganization>
                        <nc:OrganizationLocation>
                                <nc:LocationAddress>
                                        <nc:AddressFullText>New York Fusion Center's local
address</nc:AddressFullText>
                                </nc:LocationAddress>
                        </nc:OrganizationLocation>
                        <nc:OrganizationName>New York Fusion Center</nc:OrganizationName>
                </nc:EntityOrganization>
                <enc:EntityPersonContact>
                        <nc:PersonName>
                                <nc:PersonFullName>Fusion Center Analyst</nc:PersonFullName>
                        </nc:PersonName>
                        <nc:ContactInformation>
                                <nc:ContactTelephoneNumber>
                                        <nc:FullTelephoneNumber>
                                                <nc:TelephoneNumberFullID>(111) 111-1111</nc:TelephoneNumberFullID>
                                        </nc:FullTelephoneNumber>
                                </nc:ContactTelephoneNumber>
                        </nc:ContactInformation>
```

```xml
                </enc:EntityPersonContact>
            </enc:ActivityReportingEntity>
        </enc:EncounterActivity>
        <enc:WatchlistIdentityMatch>
            <enc:ScreeneeIdentity ism:ownerProducer="USA" ism:classification="U">
                <enc:PersonIdentityReference s:ref="ENCID011"/>
            </enc:ScreeneeIdentity>
            <enc:WatchlistSubject>
                <enc:PersonIdentifier>
                    <nc:IdentificationID>Watchlist ID 1111</nc:IdentificationID>
                    <intel:SystemName>Watchlist</intel:SystemName>
                </enc:PersonIdentifier>
                <enc:SubjectTypeCode>International</enc:SubjectTypeCode>
            </enc:WatchlistSubject>
        </enc:WatchlistIdentityMatch>
        <enc:AgencyDisposition>
            <nc:Disposition>
                <nc:DispositionEntity>
                    <nc:EntityOrganization s:id="DPSAGC001">
                        <nc:OrganizationName>Screening Call Center</nc:OrganizationName>
                    </nc:EntityOrganization>
                    <nc:EntityPerson s:id="DPSAGT001">
                        <nc:PersonName>
                            <nc:PersonFullName>Screening Call Center Team Lead</nc:PersonFullName>
                        </nc:PersonName>
                    </nc:EntityPerson>
                </nc:DispositionEntity>
                <nc:DispositionDate>
                    <nc:DateTime>2008-05-10T15:10:00</nc:DateTime>
                </nc:DispositionDate>
                <nc:DispositionText>Positive</nc:DispositionText>
                <nc:DispositionCategoryText>Final Disposition</nc:DispositionCategoryText>
            </nc:Disposition>
        </enc:AgencyDisposition>
    </enc:ScreeningEncounter>
    <enc:ScreeningEncounter ism:ownerProducer="USA" ism:classification="U" s:id="ENC0002">
        <enc:EncounterMetadata>
            <!-- Call Center locally generated identifier for the encounter -->
            <nc:AdministrativeID>121212</nc:AdministrativeID>
```

```xml
                    <nc:EffectiveDate>
                            <nc:DateTime>2008-01-10T14:30:00</nc:DateTime>
                    </nc:EffectiveDate>
                    <nc:LastUpdatedDate>
                            <nc:DateTime>2008-01-20T15:30:00</nc:DateTime>
                    </nc:LastUpdatedDate>
                    <nc:CreatorName>Screening Call Center Analyst</nc:CreatorName>
                    <enc:SequenceNumber>2</enc:SequenceNumber>
            </enc:EncounterMetadata>
            <enc:EncounterActivity ism:classification="U" ism:ownerProducer="USA">
                    <nc:ActivityIdentification>
                            <!-- Call Center locally generated identifier for the activity  -->
                            <nc:IdentificationID>2222</nc:IdentificationID>
                    </nc:ActivityIdentification>
                    <nc:ActivityCategoryText>Boat Plate Check</nc:ActivityCategoryText>
                    <nc:ActivityDate>
                            <nc:DateTime>2008-01-10T14:00:00</nc:DateTime>
                    </nc:ActivityDate>
                    <nc:ActivityDescriptionText s:id="ENCIDLNK21b">The individual approached a guard at the nuclear plant
and asked a series of suspicious questions, such as where he had obtained his uniform. The guard reported that the
person asked the questions and noted the boat plate number as the individual drove away.</nc:ActivityDescriptionText>
                    <nc:ActivityReasonText>Vessel Plate matched an entry on the watchlist.</nc:ActivityReasonText>
                    <enc:EncounterPersonIdentity ism:ownerProducer="USA" ism:classification="U">
                            <enc:PersonIdentity iceoi:lastUpdated="2008-05-01T08:00:00" s:id="ENCID022">
                                    <iceoi:IdentificationList>
                                            <iceoi:Identification>
                                                    <iceoi:IdentifierType>VesselPlateNumber</iceoi:IdentifierType>
                                                    <iceoi:Identifier>VA222222222</iceoi:Identifier>
                                                    <iceoi:Authority>VA DMV</iceoi:Authority>
                                            </iceoi:Identification>
                                    </iceoi:IdentificationList>
                            </enc:PersonIdentity>
                    </enc:EncounterPersonIdentity>
                    <enc:Target>
                            <j:TargetLocation>
                                    <nc:LocationArea >
                                            <nc:AreaDescriptionText>40 MI NW of Richmond, VA</nc:AreaDescriptionText>
                                    </nc:LocationArea>
                            </j:TargetLocation>
```

```
                    <j:TargetName>North Anna 1 Pressurized Water Reactor</j:TargetName>
                    <enc:CriticalInfrastructureIndicator>true</enc:CriticalInfrastructureIndicator>
                    <j:TargetSectorCode s:id="ENCIDLNK21a">NCLR</j:TargetSectorCode>
                </enc:Target>
                <enc:ActivityReportingEntity>
                    <nc:EntityOrganization>
                        <nc:OrganizationLocation>
                            <nc:LocationAddress>
                                <nc:AddressFullText>Virginia Fusion Center's local
address</nc:AddressFullText>
                            </nc:LocationAddress>
                        </nc:OrganizationLocation>
                        <nc:OrganizationName>Virginia Fusion Center</nc:OrganizationName>
                    </nc:EntityOrganization>
                    <enc:EntityPersonContact>
                        <nc:PersonName>
                            <nc:PersonFullName>Fusion Center Analyst</nc:PersonFullName>
                        </nc:PersonName>
                        <nc:ContactInformation>
                            <nc:ContactTelephoneNumber>
                                <nc:FullTelephoneNumber>
                                    <nc:TelephoneNumberFullID>(222) 222-2222</nc:TelephoneNumberFullID>
                                </nc:FullTelephoneNumber>
                            </nc:ContactTelephoneNumber>
                        </nc:ContactInformation>
                    </enc:EntityPersonContact>
                </enc:ActivityReportingEntity>
        </enc:EncounterActivity>
        <enc:WatchlistIdentityMatch>
            <enc:ScreeneeIdentity ism:ownerProducer="USA" ism:classification="U">
                <enc:PersonIdentityReference s:ref="ENCID022"/>
            </enc:ScreeneeIdentity>
            <enc:WatchlistSubject>
                <enc:PersonIdentifier>
                    <nc:IdentificationID>Watchlist ID 2222</nc:IdentificationID>
                    <intel:SystemName>Watchlist</intel:SystemName>
                </enc:PersonIdentifier>
                <enc:SubjectTypeCode>International</enc:SubjectTypeCode>
            </enc:WatchlistSubject>
```

```
                </enc:WatchlistIdentityMatch>
            <enc:AgencyDisposition>
                <nc:Disposition>
                    <nc:DispositionEntity>
                        <nc:EntityOrganizationReference s:ref="DPSAGC001"/>
                        <nc:EntityPersonReference s:ref="DPSAGT001"/>
                    </nc:DispositionEntity>
                    <nc:DispositionDate>
                        <nc:DateTime>2008-01-10T15:10:00</nc:DateTime>
                    </nc:DispositionDate>
                    <nc:DispositionText>Positive</nc:DispositionText>
                    <nc:DispositionCategoryText>Final Disposition</nc:DispositionCategoryText>
                </nc:Disposition>
            </enc:AgencyDisposition>
        </enc:ScreeningEncounter>
</enc:EncounterAnalysis>
```

3.4 TWPDES-LEXS Encounter Message

A TWPDES Encounter message can be conveyed using the Logical Entity eXchange Specifications (LEXS) Publish and Discovery (LEXS PD) framework. See *TWPDES 3.0 Message Transaction Specification (MTS) IEPD* for a description of the general structure of a TWPDES-LEXS message. The TWPDES-LEXS message for a TWPDES Encounter has a LEXS *DataItemPackage* that can share base-level encounter data with any LEXS-enabled system. The package contains a "payload-aware" *Digest* and a "nondigest-aware" *StructuredPayload*. This approach adds the ability to share data with a broader community without requiring the existing systems to change.

As shown in Figure 3 below, the *DataItemPackage* contains a *PackageMetadata*, a *Digest*, and a *StructuredPayload*. Each relevant entity in the *Digest* is duplicated from the *EncounterNomination*, *EncounterDisposition*, or *EncounterAnalysis*. All of these entities have the same value of *Metadata/ SourceIDText* (representing the Encounter Identification number) to indicate that they are for the same encounter. These entity objects are also linked to their equivalent parts in the StructuredPayload by the *SameAsPayloadAssociation* objects. So a data consumer can follow these links to the payload to obtain additional information not in the Digest (e.g. database cross-references or biometric data, etc.).

Section 3.4.1 contains a complete list of elements and attributes and their definition used in the TWPDES-LEXS Encounter *DataItemPackage*. Section 3.4.2 contains an example of a TWPDES-LEXS Encounter message.
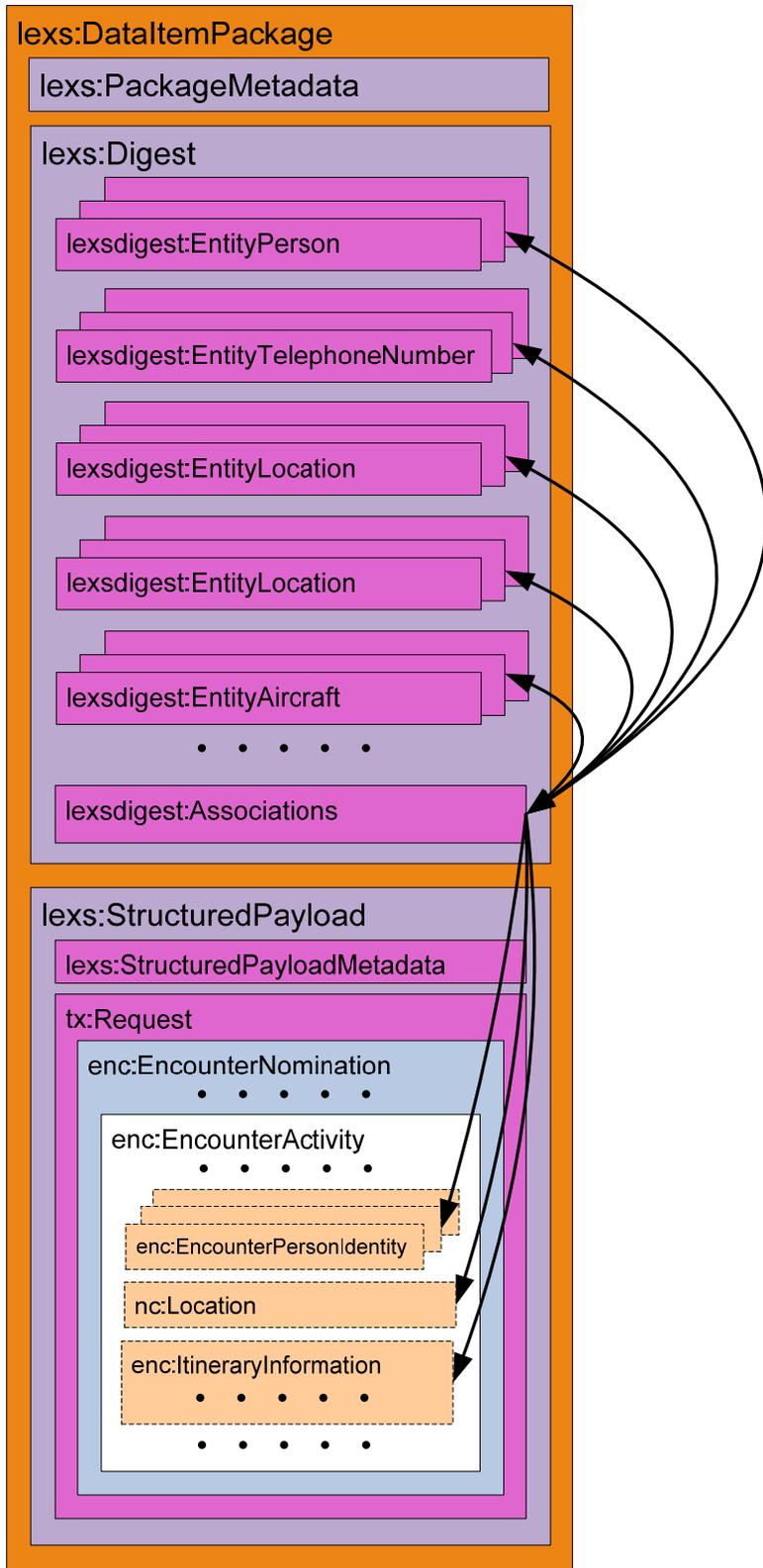
Figure 3: TWPDES-LEXS Encounter Nomination

3.4.1 Data Item Package Elements and Attributes

Element/Attribute	Description
lexs:PackageMetadata/ lexs:DataItemID	enc:EncounterMetadata/nc:AdministrativeID
lexs:PackageMetadata/ lexs:DataItemReferenceID	enc:EncounterMetadata/enc:SequenceNumber
lexs:PackageMetadata/ lexs:DataItemStatus	wl: enc:EncounterStatus
lexs:PackageMetadata/ lexs:DataOwnerMetadata/ lexs:DataOwnerIdentifier/ lexs:ORI	eb:Messaging/eb:UserMessage/eb:PartyInfo/eb:From/eb:PartyId
lexs:PackageMetadata/ lexs:DataOwnerMetadata/ lexs:DataOwnerIdentifier/ nc:OrganizationName	eb:Messaging/eb:UserMessage/eb:PartyInfo/eb:From/eb:PartyId
lexs:PackageMetadata/ lexs:DisseminationCriteria	tx:RequestList/tx:Request@ism:classification, "U" translates to "White"
lexs:Digest/ lexsdigest:EntityPerson/ lexsdigest:Metadata/ lexsdigest:LogicalIDText	enc:EncounterMetadata/nc:AdministrativeID
lexs:Digest/ lexsdigest:EntityPerson/	See *TWPDES 3.0 WLS IEPD*.
lexs:Digest/ lexsdigest:Associations/ lexslib:SameAsPayloadAssociation/ lexslib:ObjectReference	Reference of the element in the *Digest* to be associated with an element in the *StructuredPayload*.
lexs:Digest/ lexsdigest:Associations/ lexslib:SameAsPayloadAssociation/ lexslib:PayloadObjectReference	Reference of the element in the *StructuredPayload* to be associated with an element in the *Digest*.
lexs:Digest/ lexsdigest:Associations/ lexslib:SameAsPayloadAssociation/ lexslib:PayloadReference	Reference of *StructuredPayload* that has the element to be linked..
lexs:StructuredPayload/	The namespace for the structured payload. For example, "http://twpdes.gov/twpdes/watchlisting/2.0"

Element/Attribute	Description
lexs:StructuredPayloadMetadata/ lexs:CommunityURI	
lexs:StructuredPayload/ lexs:StructuredPayloadMetadata/ lexs:CommunityVersion	The version of the TWPDES message. For example, "TWPDES 3.0"

3.4.2 TWPDES-LEXS Encounter Sample Message Content

```
<?xml version="1.0" encoding="UTF-8"?>
<lexs:DataItemPackage>
      <lexs:PackageMetadata>
            <lexs:DataItemID>123456</lexs:DataItemID>
            <lexs:DataItemReferenceID>1</lexs:DataItemReferenceID>
            <lexs:DataItemStatus>New</lexs:DataItemStatus>
            <lexs:DataOwnerMetadata>
                  <lexs:DataOwnerIdentifier>
                        <lexs:ORI>Encountering_Agency</lexs:ORI>
                        <nc:OrganizationName>Encountering_Agency</nc:OrganizationName>
                        <lexs:SystemID/>
                  </lexs:DataOwnerIdentifier>
                  <lexs:DataOwnerContact>
                        <nc:PersonSurName/>
                  </lexs:DataOwnerContact>
            </lexs:DataOwnerMetadata>
            <lexs:DisseminationCriteria>white</lexs:DisseminationCriteria>
      </lexs:PackageMetadata>
      <!--===================== lexs:Digest ========================-->
      <lexs:Digest>
            <lexsdigest:EntityPerson s:id="DENCID001">
                  <lexsdigest:Metadata>
                        <nc:LastUpdatedDate>
                              <nc:DateTime>2008-05-01T08:00:00</nc:DateTime>
                        </nc:LastUpdatedDate>
                        <lexsdigest:LogicalIDText>123456</lexsdigest:LogicalIDText>
                  </lexsdigest:Metadata>
                  <lexsdigest:Person>
                        <nc:PersonAlternateName>
```

```
                        <nc:PersonGivenName>Abu Karim Abdalla</nc:PersonGivenName>
                        <nc:PersonMiddleName>Ibn Nidal</nc:PersonMiddleName>
                        <nc:PersonFullName>Sheikh Abu Karim Abdalla Ibn Nidal</nc:PersonFullName>
                </nc:PersonAlternateName>
                <nc:PersonBirthDate>
                        <nc:Date>1960-01-01</nc:Date>
                </nc:PersonBirthDate>
                <nc:PersonCitizenshipFIPS10-4Code>SA</nc:PersonCitizenshipFIPS10-4Code>
                <nc:PersonEyeColorText>Brown</nc:PersonEyeColorText>
                <nc:PersonHairColorText>Black</nc:PersonHairColorText>
                <nc:PersonHeightMeasure>
                        <nc:MeasurePointValue>188</nc:MeasurePointValue>
                        <nc:LengthUnitCode>CMT</nc:LengthUnitCode>
                </nc:PersonHeightMeasure>
                <nc:PersonName>
                        <nc:PersonGivenName>Abu Karim Abdullah al-Jamil</nc:PersonGivenName>
                        <nc:PersonMiddleName>Bin Nidal Bin Abdulaziz </nc:PersonMiddleName>
                        <nc:PersonSurName>al-Filistin</nc:PersonSurName>
                        <nc:PersonFullName>Sheikh Abu Karim Abdullah al-Jamil Bin Nidal Bin Abdulaziz
al-Filistin</nc:PersonFullName>
                </nc:PersonName>
                <nc:PersonPassportIdentification s:id="DID301011">
                        <nc:IdentificationID>P10101010</nc:IdentificationID>
                        <nc:IdentificationEffectiveDate>
                                <nc:Date>2005-05-30</nc:Date>
                        </nc:IdentificationEffectiveDate>
                        <nc:IdentificationExpirationDate>
                                <nc:Date>2010-05-30</nc:Date>
                        </nc:IdentificationExpirationDate>
                        <nc:IdentificationJurisdictionFIPS10-
4Code>SA</nc:IdentificationJurisdictionFIPS10-4Code>
                        <nc:IdentificationSourceText>Saudi Arabia Passport
Agency</nc:IdentificationSourceText>
                </nc:PersonPassportIdentification>
                <nc:PersonRaceText>Arabic</nc:PersonRaceText>
                <nc:PersonSexCode>M</nc:PersonSexCode>
                <nc:PersonSSNIdentification>
                        <nc:IdentificationID>666-66-6666</nc:IdentificationID>
                        <nc:IdentificationEffectiveDate>
                                <nc:Date>2006-06-01</nc:Date>
                        </nc:IdentificationEffectiveDate>
```

```xml
                                </nc:PersonSSNIdentification>
                                <nc:PersonWeightMeasure>
                                        <nc:MeasurePointValue>77</nc:MeasurePointValue>
                                        <nc:WeightUnitCode>KGM</nc:WeightUnitCode>
                                </nc:PersonWeightMeasure>
                                <j:PersonAugmentation>
                                        <nc:DriverLicense>
                                                <nc:DriverLicenseIdentification>
                                                        <nc:IdentificationID>VA666-66-6666</nc:IdentificationID>
                                                        <nc:IdentificationEffectiveDate>
                                                                <nc:Date>2006-01-01</nc:Date>
                                                        </nc:IdentificationEffectiveDate>
                                                        <nc:IdentificationExpirationDate>
                                                                <nc:Date>2009-01-01</nc:Date>
                                                        </nc:IdentificationExpirationDate>
                                                </nc:DriverLicenseIdentification>
                                        </nc:DriverLicense>
                                </j:PersonAugmentation>
                                <lexsdigest:PersonAugmentation>
                                        <im:AlienNumber>
                                                <nc:IdentificationID>A6666666666</nc:IdentificationID>
                                                <nc:IdentificationEffectiveDate>
                                                        <nc:Date>2006-05-01</nc:Date>
                                                </nc:IdentificationEffectiveDate>
                                                <nc:IdentificationExpirationDate>
                                                        <nc:Date>2011-05-01</nc:Date>
                                                </nc:IdentificationExpirationDate>
                                        </im:AlienNumber>
                                </lexsdigest:PersonAugmentation>
                </lexsdigest:Person>
        </lexsdigest:EntityPerson>
        .............................................................
        <lexsdigest:EntityTelephoneNumber s:id="DTELPH001">
                <lexsdigest:TelephoneNumber>
                        <nc:FullTelephoneNumber>
                                <nc:TelephoneNumberFullID>966-1-222-3333</nc:TelephoneNumberFullID>
                        </nc:FullTelephoneNumber>
                </lexsdigest:TelephoneNumber>
        </lexsdigest:EntityTelephoneNumber>
        <lexsdigest:EntityLocation s:id="DLOCPOB01">
                <nc:Location>
```

```xml
                            <nc:LocationAddress>
                                <nc:StructuredAddress>
                                    <nc:LocationCityName>Riyadh</nc:LocationCityName>
                                    <nc:LocationCountryName>Saudi Arabia</nc:LocationCountryName>
                                </nc:StructuredAddress>
                            </nc:LocationAddress>
                        </nc:Location>
                </lexsdigest:EntityLocation>
                ..............................................................
                <lexsdigest:EntityAircraft s:id="DENCAIRCFT01">
                        <!-- enc:EncounterNomination/ enc:EncounterActivity/ enc:AircraftInformation -->
                        <nc:Aircraft>
                            <nc:ItemDescriptionText>The aircraft contains 452 passenger
seats.</nc:ItemDescriptionText>
                            <nc:ConveyanceEngineQuantity>4</nc:ConveyanceEngineQuantity>
                            <nc:AircraftMakeCode>JMCY</nc:AircraftMakeCode>
                            <nc:AircraftModelCode>JET</nc:AircraftModelCode>
                        </nc:Aircraft>
                </lexsdigest:EntityAircraft>
                ..............................................................
                <lexsdigest:Associations>
                        <j:ActivityLocationAssociation>
                            <nc:ActivityReference s:ref="DENCACT01"/>
                            <nc:LocationReference s:ref="DLOCACT01"/>
                        </j:ActivityLocationAssociation>
                        <lexsdigest:EntityTelephoneNumberAssociation>
                            <nc:PersonReference s:ref="DENCID001"/>
                            <lexsdigest:TelephoneNumberReference s:ref="DTELPH001"/>
                        </lexsdigest:EntityTelephoneNumberAssociation>
                        ..............................................................
                </lexsdigest:Associations>
        </lexs:Digest>
        <!--====================== Data from Watchlist Designation Request ======================-->
        <lexs:StructuredPayload s:id="Payload1">
                <lexs:StructuredPayloadMetadata>
                        <!-- URI is an identifier that uniquely identifies the community (or program)  that
defined the schema for this structured payload.  -->
                        <!-- This should be the namespace for the the structured payload. -->
                        <lexs:CommunityURI>http://twpdes.gov/twpdes/watchlisting/2.0</lexs:CommunityURI>
                        <!-- Version is the version for the community providing the information, so for example
version 2.1b -->
```

```
                    <lexs:CommunityVersion>TWPDES 3.0</lexs:CommunityVersion>
            </lexs:StructuredPayloadMetadata>
            <tx:Request xmlns:tx="http://twpdes.gov/transaction/1.1" xmlns:ism="urn:us:gov:ic:ism:v2"
xmlns:s="http://niem.gov/niem/structures/2.0" ism:ownerProducer="USA" ism:classification="U"
s:id="IDECL230">
                <tx:RequestID>230</tx:RequestID>
                <enc:EncounterNomination xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:enc="http://twpdes.gov/twpdes/encounter/2.0" xmlns:act="http://twpdes.gov/twpdes/Action/1.0"
xmlns:iceoi="urn:us:gov:ic:iceoi" xmlns:nc="http://niem.gov/niem/niem-core/2.0"
xmlns:ip="http://niem.gov/niem/domains/infrastructureProtection/2.0"
xmlns:it="http://niem.gov/niem/domains/internationalTrade/2.0"
xmlns:intel="http://niem.gov/niem/domains/intelligence/2.0"
xmlns:scr="http://niem.gov/niem/domains/screening/2.0" act:designatedActionCode="Add"
ism:classification="U" ism:ownerProducer="USA">
            ....................................................................
                    <enc:EncounterActivity ism:classification="U" ism:ownerProducer="USA">
                        <nc:ActivityIdentification>

        <nc:IdentificationID>Encountering_Acitivity_Log_111</nc:IdentificationID>
                        </nc:ActivityIdentification>
                        <nc:ActivityDate>
                            <nc:DateTime>2008-05-01T08:00:00</nc:DateTime>
                        </nc:ActivityDate>
                        <nc:ActivityDescriptionText>The passenger John Doe that is flying while
currently listed on the NO FLY/List.</nc:ActivityDescriptionText>
                        <nc:ActivityName>Air Travel Screening</nc:ActivityName>
                        <nc:ActivityReasonText>Flight Passenger Screening
Query</nc:ActivityReasonText>
                        <!-- Screenee Identity information -->
                        <enc:EncounterPersonIdentity ism:ownerProducer="USA" ism:classification="U">
                            <enc:PersonIdentity iceoi:lastUpdated="2008-05-01T08:00:00"
s:id="ENCID001">
                                <iceoi:CitizenshipList>
                                    <iceoi:Citizenship>
                                        <iceoi:Country>
                                            <iceoi:FIPS10-4Code>SA</iceoi:FIPS10-4Code>
                                        </iceoi:Country>
                                        <iceoi:Status>NativeBorn</iceoi:Status>
                                    </iceoi:Citizenship>
                                </iceoi:CitizenshipList>
                            ....................................................................
```

```
                            </enc:EncounterPersonIdentity>
                            ...............................................................
                        </enc:EncounterActivity>
                        ...............................................................
                </enc:EncounterNomination>
            </tx:Request>
        </lexs:StructuredPayload>
</lexs:DataItemPackage>
```

4 Glossary

Acronym	Definition
CAPCO	Controlled Access Program Coordination Office
DNA	Deoxyribonucleic Acid
FBI	Federal Bureau of Investigation
IEPD	Information Exchange Package Documentation
ISE	the Information Sharing Environment
IJIS	Integrated Justice Information Systems
KST	Known And Suspected Terrorist
LEISP	Law Enforcement Information Sharing Program
LEXS	LEISP Exchange Specification (old); Logical Entity eXchange Specifications (new)
NIEM	National Information Exchange Model
POI	Person-Of-Interest
RDF	Resource Description Framework
SAR	Suspicious Activity Report
SOR	System of Record
TWPDES	Terrorist Watchlist Person Data Exchange Standard
XML	Extensible Markup Language

5 References

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   http://www.it.ojp.gov/jsr/common/viewDetail.jsp?sub_id=256&view=yes&keyword=1

2. Program Manager-Information Sharing Environment (PM-ISE). ISE-Suspicious Activity Reporting (SAR) Functional Standard, Version 1.5. May 2009.

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