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Guidance for Creation of an NHS 111 Ambulance Request and CAD to CAD (999 to 999) Transfer

**Document Management**

**Revision History**

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| --- | --- | --- |
| **Version** | **Date** | **Summary of Changes** |
| 0.1 | 05/01/2012 | First Version for comment |
| 0.2 | 21/02/2012 | Added final triage disposition code Added Additional Information section Completed missing xPaths |
| 0.3 | 04/05/2012 | Guidance on Chief complaint |
| 1.0 | 04/10/2013 | Rebranded HSCIC & made Final |
| 1.1 | 17/06/2019 | Added section on how to use the message for a CAD to CAD transfer  Changed title to reflect the new use case  Clarified that codeSystem same regardless of CDSS used in the triage disposition |

**Reviewers**

This document must be reviewed by the following people: author to indicate reviewers

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| **Reviewer name** | **Title / Responsibility** | **Date** | **Version** |
| Kevin Sprague | Interoperability Team Lead | 11/08/2011 | 0.1 |
| Kevin Sprague | Interoperability Team Lead | 04/10/2013 | 1.0 |
| Julie Harris | Product Owner/ Business Analyst, UEC Digital Integration Programme | 17/06/2019 | 1.1 |
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| Richard Kavanagh |  | Interoperability Development Manager | 11/08/2011 | 0.1 |
| Louis Coles |  | Delivery Manager, UEC Digital Integration Programme | 17/06/2019 | 1.1 |

**Glossary of Terms**

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| --- | --- |
| **Term / Abbreviation** | **What it stands for** |
| CDA | Clinical Document Architecture (a HL7 standard for Clinical Documents) |
| Participation | The involvement of a role in an act |
| Role | A responsibility or part played by an entity |
| DCE UUID | Distributed Computing Environment Universally Unique Identifier - is an identifier standard used in software construction |
| XML | Extensible Markup Language - is a general-purpose specification for creating custom markup languages |
| DMS | Domain Message Specification (sometimes called a pack) is the message specification(s) offered by Connecting for Health for a domain (such as NHS 111) |
| PDS | Patient Demographic Service – the NHS patient database |
| CAD | Computerised Aided Dispatch |

**Document Control:**

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**Contents**

Contents

[1 Introduction 6](#_Toc11679592)

[1.1 Purpose of Document 6](#_Toc11679593)

[2 Guidance for creating an NHS 111 Ambulance Request 6](#_Toc11679594)

[2.1 HL7 V3 Reminder 6](#_Toc11679595)

[2.2 Populating the Ambulance Request Message 6](#_Toc11679596)

[3 Guidance for CAD to CAD Messaging 35](#_Toc11679597)

# Introduction

## Purpose of Document

This document provides guidance for creating an NHS 111 Ambulance Request message. The document includes the information that an NHS 111 system needs to supply to create the request.

Please note: This version has been updated to include creating a 999 Ambulance Request message to send to another 999 service via a Computer Aided Dispatch (CAD) system (see section 3). Supporting documentation in the UEC DMS still refers to NHS 111 Ambulance Request message but this now includes the 999-999 use case.

# Guidance for creating an NHS 111 Ambulance Request

## HL7 V3 Reminder

A note to remind developers that the NHS 111 Ambulance Request is NOT a CDA document. Therefore, there is no concept of “on-the-wire” and “conformance” schemas. The schema provided for the NHS 111 Ambulance Request is BOTH the conformance and on- the-wire schema.

## Populating the Ambulance Request Message

This section documents the various NHS 111 Ambulance Request classes and concepts, and what data is required to populate the message. For the optionality of each data item, consult the NHS 111 Ambulance Request model. Further guidance on data values is given on the associated model tabular view.

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| **Class: AmbulanceRequest** | | **Acts as a header for the Ambulance Request** | | |  | |
| **Data Item** | **Business relevance** | | **Value Guidance** | **Xpath** | | **Example** |
| classCode | None, a fixed value | | Always **FIXED** to “PCPR” | /AmbulanceRequest/@classCode | | <AmbulanceRequest classCode="PCPR " moodCode="RQO"> |
| moodCode | None, a fixed value | | Always **FIXED** to “RQO” | /AmbulanceRequest/@moodCode | | <AmbulanceRequest classCode="PCPR " moodCode="RQO"> |
| id/@root | A unique identifier for the request. Must be a DCE UUID | | A generated DCE UUID | /AmbulanceRequest /id/@root | | <id root="B709A442-3CF4-476E-8377- 376500E829C8"/> |
| code/@code code/@codeSystem | Depends on whether the request is an interim request (before th 111 case is complete), or a final request (with a complete NHS 111  triage) | | If the request is an interim request then  Always **FIXED**  Code “828791000000100”  CodeSystem “2.16.840.1.113883.2.1.3.2.4.15”  If the request is a final request then  Always **FIXED**  Code “828801000000101”  CodeSystem “2.16.840.1.113883.2.1.3.2.4.15” | /AmbulanceRequest/code/@code  /AmbulanceRequest/code/@codeSystem | | <code code="TBA" codeSystem="2.16.840.1.113883.2.1.3.2.4.15"/> |
| effectiveTime/@value | The date and time the request was produced | | The system date/time when the request was produced. This can be to any precision, but to the second is recommended | /AmbulanceRequest/effectiveTime/@value | | <effectiveTime value="201105192000"/> |

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| **Concept: author** | | **Contains the document author details. NOTE it is expected that author details will conform to the AuthorPersonUniversal conformance profile only.** | | | **Includes classes**  **Author; assignedAuthor; representedOrganization; assignedperson** | |
| **Data Item** | **Business relevance** | | **Value Guidance** | **Xpath** | | **Example** |
| author/typeCode | None – a fixed code | | Always FIXED to “AUT” | /AmbulanceRequest/author/@typeCode | | <author typeCode="AUT" contextControlCode="OP"> |
| author/contextControlCode | None – a fixed code | | Always FIXED to “OP” | /AmbulanceRequest/author/@contextControlCode | | <author typeCode="AUT" contextControlCode="OP"> |
| author/functionCode/@code  author/functionCode/@codeSy stem  author/functionCode/@dispaly Name | None – a fixed code | | Always FIXED Code “OA” codeSystem  “2.16.840.1.113883.2.1.3  .2.4.17.178"  dispalyname “Originating Author” | /AmbulanceRequest/author/functionCode/@code  /AmbulanceRequest/author/functionCode/@codeSystem  /AmbulanceRequest/author/functionCode/@displayName | | <functionCode code="OA" displayName="Originating Author" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.178"/> |
| author/time/@time | The date/time the document was authored | | The system date/time the request was authored | /AmbulanceRequest/author/time/@value | | <time value="201105192000"/> |
| author/contentId/@root author/contentId/@extension | Varies according to the type of author. Assuming person Universal author only | | Assuming Author Person Universal template only  Always FIXED Root  “2.16.840.1.113883.2.1.3  .2.4.18.16"  Extension "COCD\_TP145200GB01  #AssignedAuthor” | /AmbulanceRequest/author/npfitlc:contentId/@root  /AmbulanceRequest/author/npfitlc:contentId/@extension | | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145200GB01  #AssignedAuthor"/> |
| COCD\_TP145200GB01.AssignedAut | None – a | | Always FIXED to ASSIGNED | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/  @classCode | | <COCD\_TP145200GB01.Assigned  Author classCode="ASSIGNED"> |

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| hor/classCode | fixed value |  |  |  |
| COCD\_TP145200GB01.AssignedAut hor/id/@root  COCD\_TP145200GB01.AssignedAut hor/id/@extension | Identifiers to indicate the author  – this might be an SDS identifier (by preference)  , or a local one (or both) | A code system identifier such as “1.2.826.0.1285.0.2.0.65”  for an SDS identifier, or “2.16.840.1.113883.2.1.3  .2.4.18.24” for a local identifier, and the identifying code | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ id/@root  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4. 18.24"  extension="100"/> |
| COCD\_TP145200GB01.AssignedAut hor/code/@code  COCD\_TP145200GB01.AssignedAut hor/code/@codeSystem  COCD\_TP145200GB01.AssignedAut hor/code/@displayName | A code that describes the author’s job role – this might be from SDS (by preference)  , or a local code | A code system identifier such as “2.16.840.1.113883.2.1.3  .2.4.17.196” for an SDS  Job Role code, or a local code system and a code from that code system | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ code/@code  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ code/@codeSystem  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ code/@displayName | <code code="OOH02" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.196"  displayName="Nurse Practitioner"/> |
| COCD\_TP145200GB01.AssignedAut hor/addr/@use  COCD\_TP145200GB01.AssignedAut hor/addr/streetAddressLine[1.. 5]  COCD\_TP145200GB01.AssignedAut hor/addr/postalCode | The address of the author | An address for the author  – maybe from SDS. Use attribute will be fixed to “WP” (work place). For consistency, only have street addressline and postcode as well as the fixed use attribute | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ addr/@use  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ addr/streetAddressLine  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ addr/postalCode | <addr use=" WP">  <streetAddressLine>The Hospital</streetAddressLine>  <streetAddressLine>Hospital Road</streetAddressLine>  <postalCode>CB1 1AA</postalCode>  </addr> |
| COCD\_TP145200GB01.AssignedAut hor/telecom/@value | Phone or email details of the author  – maybe | Author’s telecom details. Can be a telephone number, email address etc. Fix the “use” attribute to “EC” (emergency contact) | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ telecom/@value | <telecom value=tel:01234567890 use=”EC”/> |

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|  | from SDS |  |  |  |
| COCD\_TP145200GB01.AssignedAut hor/templateId/@root  COCD\_TP145200GB01.AssignedAut hor/templateId/@extension | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3  .2.4.18.2"  Extension "COCD\_TP145200GB01  #AssignedAuthor" | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ templateId/@root  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #AssignedAuthor"/> |
| assignedPerson/@classCode | None – a fixed code | Always FIXED to “PSN” | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/@classCode | <assignedPerson classCode="PSN" determinerCode="INSTANCE"> |
| assignedPerson/determinerCo de | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/@determinerCode | <assignedPerson classCode="PSN" determinerCode="INSTANCE"> |
| assignedPerson/name/prefix  assignedPerson/name/given  assignedPerson/name/surnam e | The name of the author | The name of the author – maybe from SDS. In structured format of prefix, given name and family name | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/name/prefix  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/name/given  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/name/family | <name>  <prefix>Ms</prefix>  <given>Mary</given>  <family>Jones</family>  </name> |
| assignedPerson/templateId/@ root  assignedPerson/templateId/@ extension | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3  .2.4.18.2"  Extension "COCD\_TP145200GB01  #assignedPerson" | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/templateId/@root  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ assignedPerson/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #assignedPerson"/> |
| representedOrganization/class Code | None – a fixed code | Always FIXED to “ORG” | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/@classCode | <representedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/deter minerCode | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/@determinerCode | <representedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/id/@ | Either the organisatio | If a site code, root FIXED to | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ | <id root="2.16.840.1.113883.2.1.3.2.4. |
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| root  representedOrganization/id/@ extension | n site code (preferred), or the organisatio n code of the author | “2.16.840.1.113883.2.1.3  .2.4.19.2”  If an org code, root FIXED to “2.16.840.1.113883.2.1.3  .2.4.19.1”  Plus the actual code | representedOrganization/id/@root  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/id/@extension | 19.2" extension="5L399"/> |
| representedOrganization/nam e | The organisatio n name associated with the code | Name associated with the code in the “id” attribute | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/name | <name>Chelmsford Trust NHS 111 site</name> |
| representedOrganization/temp lateId | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3  .2.4.18.2"  Extension "COCD\_TP145200GB01  #representedOrganizatio n" | /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/templateId/@root  /AmbulanceRequest/author/COCD\_TP145200GB01.AssignedAuthor/ representedOrganization/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #representedOrganization"/> |
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| **Concept: recipient – Ambulance Request has only a primary recipient – the ambulance organisation** | | **Recipient details – This document assumes that for an ambulance request, recipients are always organisations (i.e. the ambulance service)** | | | |  | |
| **Data Item** | **Business relevance** | |  | **Value Guidance** | **Xpath** | | **Example** |
| InformationRecipient/typeCod e | None, a fixed value | | Always a FIXED value.  For information recipient “PRPC”  For trackers “TRC” | | /AmbulanceRequest/informationRecipient/@typeCode | | <informationRecipient typeCode="PRCP"> |

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| InformationRecipient/npfitlc:co ntentId/@root  InformationRecipient/npfitlc:co ntentId/@extension | None, a fixed value | Always a FIXED value (with the assumption that we always send to an ambulance org)  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.16  Extension is always “COCD\_TP145203GB02#  IntendedRecipient” | /AmbulanceRequest/informationRecipient/npfitlc:contentId/@root  /AmbulanceRequest/informationRecipient/npfitlc:contentId/@extensio n | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145203GB02  #COCD\_TP145203GB02.Intended  Recipient"/> |
| COCD\_TP145203GB02.Inten  dedRecipient/@classCode | None, a fixed value | Always FIXED to “ASSIGNED” | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/@classCode | <COCD\_TP145203GB02.Intended  Recipient classCode="ASSIGNED"> |
| COCD\_TP145203GB02.Inten  dedRecipient/templateId | None, a fixed value | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145203GB02#C OCD\_TP145203GB02.Inte  ndedRecipient” | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/templateId/@extension  /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/templateId/@root | <templateId extension="COCD\_TP145203GB02  #COCD\_TP145203GB02.Intended  Recipient" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| COCD\_TP145203GB02.Inten  dedRecipient/telecom/@value  COCD\_TP145203GB02.Inten  dedRecipient/telecom/@use | The contact details for the recipient | NOT REQUIRED | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/telecom/@use  /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/telecom/@value | DO NOT USE |
| representedOrganization/@cla ssCode | None – a fixed value | Always FIXED to “ORG” | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/@classCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/@de terminerCode | None – a fixed value | Always FIXED to “INSTANCE” | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/@determinerCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/id/@ root  representedOrganization/id/@ | An identifier from ODS for the receiving | Either the ODS site code, or the ODS organisation code  For site, root “2.16.840.1.113883.2.1.3.2. | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/id/@extension  /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/id/@root | <id extension="AMB123" root="2.16.840.1.113883.2.1.3.2.4. 19.2"/> |

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| extension | organisati on | 4.19.2”  For organisation, root “2.16.840.1.113883.2.1.3.2.  4.19.1”  Extension is the ODS code |  |  |
| representedOrganization/nam e | The name of the organisati on | The name of the organisation as supplied by ODS associated with the id attribute above | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/name | <name>Chelmsford East Ambulance Service</name> |
| representedOrganization/temp lateId/@root  representedOrganization/temp lateId/@extension | None – a fixed value | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145203GB02#r  epresentedOrganization" | /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/templateId/@extension  /AmbulanceRequest/informationRecipient[1]/COCD\_TP145203GB02. IntendedRecipient/receivedOrganization/templateId/@root | <templateId extension="COCD\_TP145203GB02  #representedOrganization" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| representedOrganization/stan dardIndustryClassCode/@cod e  representedOrganization/stan dardIndustryClassCode/@cod eSystem  representedOrganization/stan dardIndustryClassCode/@disp layName | DO NOT USE | DO NOT USE | DO NOT USE | DO NOT USE |
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| **Concept: replacement of a previous ambulance request.** | | **An ambulance may have been requested part way through a triage, in which case this interim request may be replaced by a further request with full triage details** | | |  | |
| **Data Item** | **Business relevance** | | **Value Guidance** | **Xpath** |  | **Example** |

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| replacementOf/@typeCode | None – a fixed value | Always FIXED to “RPLC” | /AmbulanceRequest/replacementOf/@typeCode | <replacementOf typeCode="RPLC"> |
| priorPreviousAmbulanceRequ est/@classCode | None – a fixed value | Always FIXED to “PCPR” | /AmbulanceRequest/replacementOf/priorPreviousAmbulanceRequest  /@classCode | <priorPreviousAmbulanceRequest classCode="PCPR" moodCode="RQO"> |
| priorPreviousAmbulanceRequ est/@moodCode | None – a fixed value | Always FIXED to “RQO” | /AmbulanceRequest/replacementOf/priorPreviousAmbulanceRequest  /@moodCode | <priorPreviousAmbulanceRequest classCode="PCPR" moodCode="RQO"> |
| priorPreviousAmbulanceRequ est/id/@root | This is the id of the request being replaced by this request | If this is a replacement for a previous request, this is the id of the previous request. | /AmbulanceRequest/replacementOf/priorPreviousAmbulanceRequest  /id/@root | <id root="7D7B58E0-AE1A-11DB- 9865-B18E1E0994CD"/> |

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| **Concept: ambulance priority type** | | **This is the nationally agreed code indicating the urgency of the ambulance request** | | |  | |
| **Data Item** | **Business relevanc e** | | **Value Guidance** | **Xpath** | | **Example** |
| reason/@typeCode | None – a fixed value | | Always FIXED to “RSON” | /AmbulanceRequest/reason/@typeCode | | <reason typeCode="RSON"> |
| reason/seperatableInd/@value | None – a fixed value | | Always FIXED to “false” | /AmbulanceRequest/reason/seperatableInd/@value | | <seperatableInd value="false"/> |
| justifyingTriageOutcode/@clas sCode | None – a fixed value | | Always FIXED to “OBS” | /AmbulanceRequest/reason/justifyingTriageOutcome/@classCode | | <justifyingTriageOutcome classCode="OBS" moodCode="EVN"> |

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| justifyingTriageOutcode/@mo odCode | None – a fixed value | Always FIXED to “EVN” | /AmbulanceRequest/reason/justifyingTriageOutcome/@moodCode | <justifyingTriageOutcome classCode="OBS" moodCode="EVN"> |
| justifyingTriageOutcode/code/  @code  justifyingTriageOutcode/code/  @codeSystem  justifyingTriageOutcode/code/  @displayName | None – a fixed value | Always FIXED Code=“TO”  CodeSystem=” 2.16.840.1.113883.2.1.3.2.  4.17.328”  dispalyName=” Triage Outcome” | /AmbulanceRequest/reason/justifyingTriageOutcome/code/@code  /AmbulanceRequest/reason/justifyingTriageOutcome/code/@codeSy stem  /AmbulanceRequest/reason/justifyingTriageOutcome/code/@display Name | <code code="TO" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.328"  displayName="Triage Outcome"/> |
| justifyingTriageOutcode/value/  @code  justifyingTriageOutcode/code/  @codeSystem | This is the ambulanc e priority code generated (or requested from) the request originatin g system | A code from the AmbulancePriorityType vocab  Code is priority type  codeSystem is FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.329” | /AmbulanceRequest/reason/justifyingTriageOutcome/value/@code  /AmbulanceRequest/reason/justifyingTriageOutcome/value/@codeSy stem | <value code="RED2" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.329"/> |

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| **Concept: triage disposition** | | **This is the final code reached in the sending triage system (for pathways, for example, this will be the final Dx code)** | | |  | |
| **Data Item** | **Business relevanc e** | | **Value Guidance** | **Xpath** | | **Example** |
| pertinentInformation6/@typeC ode | None – a fixed value | | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation6/@typeCode | | <pertinentInformation6 typeCode="PERT"> |

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| pertinentInformation6/seperata bleInd/@value | None – a fixed value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation6/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentTriageDisposition/@cl assCode | None – a fixed value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /@classCode | <pertinentTriageDisposition classCode="OBS" moodCode="EVN"> |
| pertinentTriageDisposition/@ moodCode | None – a fixed value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /@moodCode | <pertinentTriageDisposition classCode="OBS" moodCode="EVN"> |
| pertinentTriageDisposition/cod e/@code  pertinentTriageDisposition/cod e/@code | None – a fixed value | Always FIXED to  code="TD" codeSystem="2.16.840.1.1 13883.2.1.3.2.4.17.419" | /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /code/@code  /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /code/@codeSystem | <code code="TD" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.419"/> |
| pertinentTriageDisposition/val ue/@code  pertinentTriageDisposition/val ue/@codeSystem  pertinentTriageDisposition/val ue/@displayName | The triage dispositio n code | This is the final disposition code from the triage system (CDSS). Read the model tabular view for the value of codeSystem. The example is from a system using Pathways as the CDSS. | /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /value/@code  /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /value/@codeSystem  /AmbulanceRequest/pertinentInformation6/pertinentTriageDisposition  /value/@displayName | <value code="Dx009" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.414"  displayName="Blood loss - urgent care required"/> |

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| **Concept: EncounterEvent** | | **Contains details of where the 111 incident took place, when it took place, 111 case reference, patient details and informant details** | | |  | |
| **Data Item** | **Business relevanc e** | | **Value Guidance** | **Xpath** | | **Example** |
| pertinentInformation/@typeCo de | None – a fixed code | | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation5/@typeCode | | <pertinentInformation5 typeCode="PERT"> |

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| pertinentInformation/seperatab leInd/@value | None – a fixed code | Always FIXED To “false” | /AmbulanceRequest/pertinentInformation5/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentEncounterEvent/@cla ssCode | None – a fixed code | Always FIXED to “ENC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/  @classCode | < pertinentEncounterEvent classCode="ENC" moodCode="EVN"> |
| pertinentEncounterEvent/@m oodCode | None – a fixed code | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/  @moodCode | < pertinentEncounterEvent  classCode="ENC" moodCode="EVN"> |
| pertinentEncounterEvent/effec tiveTime/low/@value  pertinentEncounterEvent/effec tiveTime/high/@value | None – a fixed code | Contains the start and end times of the NHS 111 case.  The low value (start of the NHS 111 case should always be present. The High value (end time of the case) may not be present | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/e ffectiveTime/low/@value  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/e ffectiveTime/high/@value | <effectiveTime>  <low value="20112112930"/>  <high value="201112211001"/>  </effectiveTime> |
| pertinentEncounterEvent/id/@ root  pertinentEncounterEvent/id/@ extension | Up to 2  111 case identifiers  . First is unique reference number, second is local case identifier | For the unique case reference  Root “2.16.840.1.113883.2.1.3.2.  4.18.34”  For local case identifier  Root “2.16.840.1.113883.2.1.3.2.  4.18.35"  Extension (in each case) is the actual code | /AmbulanceRequest/componentOf/encompassingEncounter/id[1]/@r oot  /AmbulanceRequest/componentOf/encompassingEncounter/id[1]/@e xtension | <id root="2.16.840.1.113883.2.1.3.2.4.  18.34" extension="NHS111- 234567890"/> |
| pertinentEncounterEvent/text | Summary case text produced by the sending system | The text can be in a locally agreed format, if no local agreement exists, the text should be plain text (text & carriage returns) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/t ext | <text mediaType="text/plain"> Patient: Joe Bloggs Disposition: Ambulance called Reason: Big red spots  </text> |
| **Location Details – when NOT using the Gazetteer (whatever address details are gathered should be sent)** | | | | |

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| Location/@typeCode | None – a fixed code | Always FIXED to “LOC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/@typeCode | <location typeCode="LOC"> |
| Location/contentId/@root  Location/contentId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145222GB02#H  ealthCareFacility" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/npfitlc:contentId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145222GB02  #HealthCareFacility"/> |
| COCD\_TP145222GB02.Healt  hCareFacility/@classCode | None – a fixed code | Always FIXED to “ISDLOC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/@classCode | <  COCD\_TP145222GB02.healthCare Facility classCode="ISDLOC"> |
| COCD\_TP145222GB02.Healt  hCareFacility/id | None – fix to null flavour as shown | As there is no location identifier when not using a gazetteer, fix id to a nullFlavor of “NA” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/id/@nullflavor=”N A” | <id nullFlavor=”NA”/> |
| COCD\_TP145222GB02.Healt  hCareFacility/templateId/@roo t  COCD\_TP145222GB01.Healt  hCareFacility/templateId/@ext ension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB02#H  ealthCareFacility" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/templateId/@exte nsion | <templateId extension="COCD\_TP145222GB02  #HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| COCD\_TP145222GB02.Healt  hCareFacility/code/@code  COCD\_TP145222GB01.Healt  hCareFacility/code/@codeSys tem  COCD\_TP145222GB01.Healt  hCareFacility/code/@displayN ame | A code to represent the incident location type. If this is not coded, this informanti on my | A code to represent the incident location type. Any code from any code system may be used, but the codeSystem must be supplied | /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/code/@code  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/code/@codeSystem  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/code/@displayName | <code code="313161000000107" codeSystem="2.16.840.1.113883.2  .1.3.2.4.15"  displayName="Example Care Setting"/> |

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|  | just appear in the text summary |  |  |  |
| Location/@classCode | None – a fixed code | Always FIXED to “PLC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/@classC ode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/@determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/@determ inerCode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/name | The name of the location (informati on that doesn’t fit in addr) | Use this for additional location details that don’t fit in the structure of addr below. This is free text. If there is no information for this attribute put  <name nullFlavor=”NI”> | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/name | <name>Some details about the incident location</name> |
| Location/addr/@use  Location/addr/streetAddressLi ne  Location/addr/postalCode  Location/addr/desc  Location/addr/additionalLocato r | The address details of the 111 inclident.  Use Street Addess Lines and postcode for postal address. Use desc for textual descriptio n of location. Use additional | 111 incident location details, as recorded on the 111 system  The “use” attribute will be fixed to “PHYS” (physical location)  NOTE: a notation of X (for easting) and Y (for northing) is used to transmit the coordinates | /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/@use  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/streetAddressLine  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/postalCode  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/desc  /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/additionalLocator | <addr use="PHYS">  <streetAddressLine>2, Brancaster Road</streetAddressLine>  <city>Medway</city>  <postalCode>ME5 FL5</postalCode>  <desc>Follow the high street and turn left by Boots</desc>  <additionalLocator>X566889Y6655 3</additionalLocator>  </addr> |

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|  | Locator for easting and northings coordinat es |  |  |  |
| location/templateId/@root  location/templateId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB01#l  ocation” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/templateI d/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/templateI d/@extension | <templateId extension="COCD\_TP145222GB01  #location" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| **Location Details – when using the Gazetteer (property identifier and X & Y coordinates (i.e. eastings and northings) need to be sent)** | | | | |
| Location/@typeCode | None – a fixed code | Always FIXED to “LOC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/@typeCode | <location typeCode="LOC"> |
| Location/contentId/@root  Location/contentId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145222GB02#H  ealthCareFacility" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/npfitlc:contentId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145222GB02  #HealthCareFacility"/> |
| COCD\_TP145222GB02.Healt  hCareFacility/@classCode | None – a fixed code | Always FIXED to “ISDLOC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/@classCode | <  COCD\_TP145222GB01.healthCare Facility classCode="ISDLOC"> |
| COCD\_TP145222GB02.Healt  hCareFacility/id | Holds the property keys from the gazetteer | Up to 3 keys may be available:   * Unique Property Reference Number is always present and has OID 2.16.840.1.113883.2.1   .3.2.4.18.41 (and  should be the first id in | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/id/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/id/@extension | <id root=”2.16.840.1.113883.2.1.3.2.4.  18.41” extension=”10013039952”/>  <id root=”2.16.840.1.113883.2.1.3.2.4. 18.42”  extension=”osgb100000227444254 42”/> |

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|  |  | the list)   * Unique identifier provided by Ordnance Survey may be present, and has OID 2.16.840.1.113883.2.1   .3.2.4.18.42   * Royal Mail Unique Delivery Point Reference Number may be present, and has OID 2.16.840.1.113883.2.1   .3.2.4.18.43 |  | <id root=”2.16.840.1.113883.2.1.3.2.4.  18.43” extension=”8786415”/> |
| COCD\_TP145222GB02.Healt  hCareFacility/templateId/@roo t  COCD\_TP145222GB01.Healt  hCareFacility/templateId/@ext ension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB02#H  ealthCareFacility" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/templateId/@exte nsion | <templateId extension="COCD\_TP145222GB02  #HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| COCD\_TP145222GB02.Healt  hCareFacility/code/@code  COCD\_TP145222GB01.Healt  hCareFacility/code/@codeSys tem  COCD\_TP145222GB01.Healt  hCareFacility/code/@displayN ame | Optional  & not required to be sent |  |  |  |
| Location/@classCode | None – a fixed code | Always FIXED to “PLC” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/@classC ode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/@determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/@determ inerCode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/name | Required in model, | There is no information for this attribute when using | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/name/@ | <name nullFlavor=”NI”/> |

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|  | but no value here, so use nullFlavor “NI” | the gazetteer, so put  <name nullFlavor=”NI”> | nullFlavor |  |
| Location/addr/additionalLocato r | The address details of the 111 inclident.  We only need the easting and northings detals from the gazetteer in addressL ocator | 111 incident eastings and northings from the gazetteer  The “use” attribute will be fixed to “PHYS” (physical location)  NOTE: a notation of X (for easting) and Y (for northing) is used to transmit the coordinates | /AmbulanceRequest/componentOf/encompassingEncounter/location/ healthCareFacility/location/addr/additionalLocator | <addr>  <additionalLocator>X292686Y9362 4  </additionalLocator>  </addr> |
| location/templateId/@root  location/templateId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB01#l  ocation” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/templateI d/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/COCD\_TP145222GB01.HealthCareFacility/location/templateI d/@extension | <templateId extension="COCD\_TP145222GB01  #location" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| **Patient Details** | | | | |
| recordTarget/@typeCode | None, a fixed value | Always **FIXED** to “RCT” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/@typeCode | <recordTarget typeCode="RCT" contextControlCode="OP"> |
| recordTarget/@contextControl Code | None – a fixed | Always FIXED to “OP” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/@contextControlCode | <recordTarget typeCode="RCT" contextControlCode="OP"> |

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|  | code |  |  |  |
| recordTarget/contentId/@root  recordTarget/contentId/@exte nsion | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145201GB01#P  atientRole" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/npfitlc:contentId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145201GB01  #PatientRole"/> |
| patientRole/@classCode | None, a fixed value | Always FIXED to “PAT” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/@classCode | <patientRole classCode="PAT"> |
| patientRole/id/@root  patientRole/id/@extension  patientRole/id/@assigningAut horityName | The patient identifier. This is the patient’s NHS  number. If this is not available, another patient identifier can be used | A verified NHS number and the OID “2.16.840.1.113883.2.1.4.1 ”  **OR**  An unverified NHS number and the OID “2.16.840.1.113883.2.1.3.2.  4.18.23”  **OR**  A local patient identifier and the OID “2.16.840.1.113883.2.1.3.2.  4.18.24” and the assigning authority name | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/npfitlc:contentId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/npfitlc:contentId/@extension | <id extension="993254128" root="2.16.840.1.113883.2.1.3.2.4. 18.24"  assigningAuthorityName="RA9:SO UTH DEVON HEALTHCARE NHS FOUNDATION TRUST"/> |
| patientRole/addr/@use  patientRole/addr/streetAddres sLine[1..5]  patientRole/addr/postalCode  patientRole/addr/desc  patientRole/addr/additionalLoc ator | A set of addresse s associate d with the patient.  The “use” attribute states the address usage | Address associated with the patient as recorded by the system – maybe from PDS (note this is not the incident location address) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/addr /@use  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/addr/streetAddress Line[1]  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/addr /postalCode  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/addr /desc  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/addr | <addr use="PHYS">  <streetAddressLine>2, Brancaster Road</streetAddressLine>  <postalCode>ME5 FL5</postalCode>  <desc>Follow the high street and turn left by Boots</desc>  <additionalLocator>+38.265789- 85.623415</additionalLocator> |

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|  | (such as “H” for home, or PHYs for physical address) |  | /additionalLocator | </addr> |
| patientRole/telecom/@value patientRole/telecom/@use | The contact details of the patient as recorded on the NHS 111  system. | Phone number assiociated with the patient, suffixed by tel:. The “use” attribute may be “EC” – emergency contact;  “H” – home “MC” – mobile  See the tabular view for more details  If this is deemed the preferred contact for the NHS111 encounter, set the use attribute to “EC” (emergency contact) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/telecom/@value  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/telecom/@use | <telecom value="tel:01634 775667" use="EC"/> |
| patientRole/templateId/@root  patientRole/templateId/@exte nsion | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145201GB01#P  atientRole” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/templateId/@exten sion | <templateId extension="COCD\_TP145201GB01  #PatientRole" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| patientPatient/@classCode | None – a fixed code | Always FIXED to “PSN” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/@cla ssCode | <patient classCode="PSN" determinerCode="INSTANCE"> |
| patientPatient/determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/@de terminerCode | <patient classCode="PSN" determinerCode="INSTANCE"> |
| patientPatient/name/prefix patientPatient/name/given | The name of the patient (use | The name of the patient split into prefix, given names and family name. If not possible, then an | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/nam e/prefix | <name>  <prefix>Mr</prefix>  <family>Joe</family> |

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| patientPatient/name/family | structured name format) | unstructured patient name | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/nam e/family  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/nam e/given | <given>Bloggs</given>  </name> OR  <name>Mr Joe Bloggs</name> |
| patientPatient  /templateId/@root  patientPatient  /templateId/@extension | None – a fixed vaue | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145201GB01#p  atientPatient” | /AmbulanceRequest/recordTarget/patientRole/patient/templateId/@ro ot  /AmbulanceRequest/recordTarget/patientRole/patient/templateId/@e xtension | <templateId extension="COCD\_TP145201GB01  #patientPatient" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| patientPatient  /administrativeGenderCode/@ code  patient/ patientPatient  /@codeSystem  patientPatient  /administrativeGenderCode/@ displayName | The gender of the patient | The patient’s gender (maybe from PDS). Values taken from the Sex vocabulary  codeSystem fixed to “2.16.840.1.113883.2.1.3.2.  4.16.25” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/admi nistrativeGenderCode/@code  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/admi nistrativeGenderCode/@codeSystem  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/admi nistrativeGenderCode/@displayName | <administrativeGenderCode codeSystem="2.16.840.1.113883.2  .1.3.2.4.16.25"  displayName="Male" code="1"/> |
| patientPatient  /birthTime/@value | The date of birth of the patient to the precision held | The patient’s date of birth (maybe from PDS) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/birth Time/@value | <birthTime value="19890101"/> |
| providerOrganization/@classC ode | None – a fixed value | Always FIXED to “ORG” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/@classCode | <providerOrganization classCode="ORG" determinerCode="INSTANCE"> |
| providerOrganization/@deter | None – a | Always FIXED to | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r | <providerOrganization |
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|  |  |  |  |  |
| minerCode | fixed value | “INSTANCE” | ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/@determinerCode | classCode="ORG" determinerCode="INSTANCE"> |
| providerOrganization/id/@root  providerOrganization/id/@exte nsion | The code of the GP Practice the patient is registered with | The GP Practice ODS code with the OID “2.16.840.1.113883.2.1.3.2.  4.19.1”  (this may come from PDS) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/id/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.1" extension="V396F"/> |
| providerOrganization/name | The name of the GP Practice the patient is registered with | GP Practice name  (this may come from PDS) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/name | <name>Medway Medical Practice</name> |
| providerOrganization/telecom/  @value  roviderOrganization/telecom/  @use | Contact details of the GP Practice | GP Practice contact details, with usage (probably WP – work place)  (this may come from PDS) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/telecom/@value  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/telecom/@use | <telecom value="tel:01634 111222" use="WP"/> |
| providerOrganization/templateI d/@root  providerOrganization/templateI d/@extension | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension "COCD\_TP145201GB01#p  roviderOrganization" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145201GB01  #providerOrganization"/> |
| providerOrganization/addr/@u se  providerOrganization  /addr/streetAddressLine[1..5]  providerOrganization/addr/pos talCode | Address of the patient’s registered GP  Practice | Address of GP Practice (this may come from PDS) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/addr/@use  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/addr/streetAddressLine[1]  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio | <addr use="WP">  <streetAddressLine>Springer Street</streetAddressLine>  <postalCode>ME5 5TY</postalCode>  </addr> |

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|  |  |  | n/addr/postalCode |  |
| providerOrganization  /standardIndustryClassCode/  @code  providerOrganization  /standardIndustryClassCode/  @displayName  providerOrganization  /standardIndustryClassCode/  @codeSystem | None – a fixed value | Always FIXED value to say this class refers to a GP Practice  Code “001”  displayName “GP Practice”  codeSystem “2.16.840.1.113883.2.1.3.2.  4.17.289” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/standardIndustryClassCode/@code  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/standardIndustryClassCode/@codeSystem  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/providerOrganizatio n/standardIndustryClassCode/@displayName | <standardIndustryClassCode code="001"  displayName="GP Practice" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.289"/> |
| languageCommunication/lang uageCode/@code | A code to represent the language used by the patient | A code from the HumanLanguage vocab | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/languageCode/@code  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/languageCode/@codeSystem | <languageCode code="en" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.70" /> |
| languageCommunication/mod eCode/@code  languageCommunication/mod eCode/@codeSystem  languageCommunication/mod eCode/@displayName | The mode in which the patient can communi cate in the language code (such as spoken, written) | A code from the Language ability mode vocab  **OR**  Another vocabulary for which codes and codesystem identifier is known | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/modeCode/@code  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/modeCode/@codeSystem  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/modeCode/@displayName | <modeCode code="RSP" codeSystem="2.16.840.1.113883.5  .60" displayName="Received Spoken"/> |
| languageCommunication/profi ciencyLevelCode | The proficienc y level of the | A code from the Language ability proficiency vocab  OR  Another vocabulary for | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/proficiencyLevelCode/@code | <proficiencyLevelCode  code="F" codeSystem="2.16.840.1.113883.5  .61" |
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|  | patient in the language | which codes and codesystem identifier is known | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/proficiencyLevelCode/@codeSystem  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/proficiencyLevelCode/@displayName | displayName="Fair"/> |
| languageCommunication/prefe renceInd/@value | Indicates whether this language is the patient’s preferred language | Either a boolean (true/false), or a null falvour of unknown like this  <preferenceInd nullFlavor=”UNK”/> | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/preferenceInd/@value | <preferenceInd value="true"/> OR  <preferenceInd nullFlavor="UNK"/> |
| languageCommunication/temp lateId | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145201GB01#l  anguageCommunication” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r ecordTarget/COCD\_TP145201GB01.PatientRole/patientPatient/lang uageCommunication/templateId/@extension | <templateId extension="COCD\_TP145201GB01  #languageCommunication" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| **Informant details** | | | | |
| informant/typeCode | None – a FIXED  code | Always FIXED to “INF” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/@typeCode | <informant typeCode="INF" contextControlCode="OP"> |
| informant/contextControlCode | None – a FIXED  code | Always FIXED to “OP” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/@contextControlCode | <informant typeCode="INF" contextControlCode="OP"> |
| informant/contentId/@root  informant/contentId/@extensio n | None – a FIXED  code | Assuming RelatedEntity Always FIXED  Root “2.16.840.1.113883.2.1.3.2. | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/npfitlc:contentId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/npfitlc:contentId/@extension | <npfitlc:contentId extension="COCD\_TP145007UK03  #RelatedEntity" root="2.16.840.1.113883.2.1.3.2.4. 18.16"/> |

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|  |  | 4.18.16”  Extension “COCD\_TP145007UK03#R  elatedEntity” |  |  |
| COCD\_TP145007UK03.Relat  edEntity/@classCode | None – a FIXED  code | Always FIXED to “PRS” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/@classCode | <relatedEntity classCode="PRS"> |
| COCD\_TP145007UK03.relate  dEntity/code/@code  COCD\_TP145007UK03.relate  dEntity/code/@codeSystem  COCD\_TP145007UK03.relate  dEntity/code/@displayName | A code to represent the relationsh ip between the informant  & patient | A code from the CDAPersonRelationshipTy pe vocab  codeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.16.45" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/code/@code  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/code/@codeSystem  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/code/@displayName | <code code="01" codeSystem="2.16.840.1.113883.2  .1.3.2.4.16.45"  displayName="Spouse"/> |
| COCD\_TP145007UK03.relate  dEntity /addr/@use  COCD\_TP145007UK03.relate  dEntity  /addr/streetAddressLine[1..5]  COCD\_TP145007UK03.relate  dEntity/addr/postalCode | An address associate d with the informant | Informants address | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/addr/@use  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/addr/streetAddressLi ne[1]  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/addr/postalCode | <addr use="HP">  <streetAddressLine>43 Summers Avenue</streetAddressLine>  <streetAddressLine>Somerset Street</streetAddressLine>  <postalCode>ME5 7TY</postalCode>  </addr> |
| COCD\_TP145007UK03.relate  dEntity/telecom/@value  COCD\_TP145007UK03.relate  dEntity/telecom/@use | A phone number of the informant. This is a callback phone number for the event | Call back details of an informant.  If this is deemed the preferred contact for the NHS111 encounter, set the use attribute to “EC” (emergency contact) | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/telecom/@value  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/telecom/@use | <telecom value="tel:07886554123" use="MC"/> |

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| COCD\_TP145007UK03.relate  dEntity/templateId/@root  COCD\_TP145007UK03.relate  dEntity/templateId/@extension | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145007UK03#R  elatedEntity” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/templateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/templateId/@extensi on | <templateId extension="COCD\_TP145007UK03  #RelatedEntity" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| relationshipHolder/classCode | None – a fixed code | Always FIXED to “PSN” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/relationshipHolder/@ classCode | <relatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| relationshipHolder/determiner Code | None – a fixed code | Always FIXED to “INSTANCE” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/relationshipHolder/@ determinerCode | <relatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| relationshipHolder/name/prefix  relationshipHolder/name/given  relationshipHolder/name/famil y | The name of the informant | Informant name preferably in structured format | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/relationshipHolder/na me | < name>  <prefix>Mrs</prefix>  <given>Helga</given>  <family>Bloggs</family>  </name> |
| relationshipHolder/templateId/  @root  relationshipHolder/templateId/  @extension | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145007UK03#r  elationshipHolder” | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/relationshipHolder/te mplateId/@root  /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/i nformant/COCD\_TP145007UK03.RelatedEntity/relationshipHolder/te mplateId/@extension | <templateId extension="COCD\_TP145007UK03  #relationshipHolder" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |

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| **Concept: 5 flags: trauma; fire; scene safe; police; trapped** | | **Contains details of 5 flags that should be populated by the 111 system** | | |  | |
| **Data Item** | **Business relevance** | | **Value Guidance** | **Xpath** |  | **Example** |

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| **Trauma Flag** | | | | |
| pertinentInformation/@typeCo de | None – FIXED  value | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation/@typeCode | <pertinentInformation typeCode="PERT"> |
| pertinentInformation/seperatab leInd/@value | None – FIXED  value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentTraumaFlag/@classC ode | None – FIXED  value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/@clas sCode | <pertinentTraumaFlag classCode="OBS" moodCode="EVN"> |
| pertinentTraumaFlag/@mood Code | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/@mo odCode | <pertinentTraumaFlag classCode="OBS" moodCode="EVN"> |
| pertinentTraumaFlag/code/@c ode  pertinentTraumaFlag/code/@c odeSystem | None – FIXED  value | Code FIXED to “TM”  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.327” | /AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/code/  @code  /AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/code/  @codeSystem | <code code="TM" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.327"/> |
| pertinentTraumaFlag/value/@ value |  | Either “true” or “false” to indicate that the patient has suffered trauma | /AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/value/  @value | <value value="false"/> |
| **Fire Flag** | | | | |
| pertinentInformation1/@typeC ode | None – FIXED  value | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation1/@typeCode | <pertinentInformation typeCode="PERT"> |
| pertinentInformation1/seperata bleInd/@value | None – FIXED  value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation1/seperatableInd/@value | <seperatableInd value="false"/> |

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| pertinentFireFlag/@classCode | None – FIXED  value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation1/pertinentFireFlag/@class Code | <pertinentFireFlag classCode="OBS" moodCode="EVN"> |
| pertinentFireFlag/@moodCod e | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation1/pertinentFireFlag/@mood Code | <pertinentFireFlag classCode="OBS" moodCode="EVN"> |
| pertinentFireFlag/code/@code  pertinentFireFlag/code/@code System | None – FIXED  value | Code FIXED to “FR”  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.327” | /AmbulanceRequest/pertinentInformation1/pertinentFireFlag/code/@c ode  /AmbulanceRequest/pertinentInformation1/pertinentFireFlag/code/@c odeSystem | <code code="FR" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.327"/> |
| pertinentFireFlag/value/@valu e |  | Either “true” or “false” to indicate that there is a risk of fire at the incident location | /AmbulanceRequest/pertinentInformation1/pertinentFireFlag/value/@ value | <value value="false"/> |
| **Scene Safe Flag** | | | | |
| pertinentInformation2/@typeC ode | None – FIXED  value | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation2/@typeCode | <pertinentInformation typeCode="PERT"> |
| pertinentInformation2/seperata bleInd/@value | None – FIXED  value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation2/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentSceneSafeFlag/@cla ssCode | None – FIXED  value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation2/pertinentSceneSafeFlag/  @classCode | <pertinentSceneSafeFlag classCode="OBS" moodCode="EVN"> |
| pertinentSceneSafeFlag/@mo odCode | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation2/pertinentSceneSafeFlag/  @moodCode | <pertinentSceneSafeFlag classCode="OBS" moodCode="EVN"> |
| pertinentSceneSafeFlag/code/  @code  pertinentSceneSafeFlag/code/  @codeSystem | None – FIXED  value | Code FIXED to “SC”  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.327” | /AmbulanceRequest/pertinentInformation2/pertinentSceneSafeFlag/c ode/@code  /AmbulanceRequest/pertinentInformation2/pertinentSceneSafeFlag/c ode/@codeSystem | <code code="SC" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.327"/> |
| pertinentSceneSafeFlag/value/ |  | Either “true” or “false” to indicate that the scene is | /AmbulanceRequest/pertinentInformation2/pertinentSceneSafeFlag/v | <value value="false"/> |

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| @value |  | safe | alue/@value |  |
| **Police Flag** | | | | |
| pertinentInformation3/@typeC ode | None – FIXED  value | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation3/@typeCode | <pertinentInformation typeCode="PERT"> |
| pertinentInformation3/seperata bleInd/@value | None – FIXED  value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation3/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentPoliceFlag/@classCo de | None – FIXED  value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/@clas sCode | <pertinentPoliceFlag classCode="OBS" moodCode="EVN"> |
| pertinentPoliceFlag/@moodCo de | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/@moo dCode | <pertinentPoliceFlag classCode="OBS" moodCode="EVN"> |
| pertinentPoliceFlag/code/@co de  pertinentPoliceFlag/code/@co deSystem | None – FIXED  value | Code FIXED to “PL”  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.327” | /AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/code/  @code  /AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/code/  @codeSystem | <code code="PL" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.327"/> |
| pertinentPoliceFlag/value/@va lue |  | Either “true” or “false” to indicate that police are required (or are present) at the scene | /AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/value/  @value | <value value="false"/> |
| **Trapped Flag** | | | | |
| pertinentInformation4/@typeC ode | None – FIXED  value | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation4/@typeCode | <pertinentInformation typeCode="PERT"> |
| pertinentInformation4/seperata bleInd/@value | None – FIXED  value | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation4/seperatableInd/@value | <seperatableInd value="false"/> |
| pertinentTrappedFlag/@class Code | None – FIXED | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/@cl assCode | <pertinentTrappedFlag classCode="OBS" moodCode="EVN"> |

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|  |  |  |  |  |
|  | value |  |  |  |
| pertinentTrappedFlag/@mood Code | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/@m oodCode | <pertinentTrappedFlag classCode="OBS" moodCode="EVN"> |
| pertinentTrappedFlag/code/@ code  pertinentTrappedFlag/code/@ codeSystem | None – FIXED  value | Code FIXED to “TR”  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.327” | /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/cod e/@code  /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/cod e/@codeSystem | <code code="TR" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.327"/> |
| pertinentTrappedFlag/value/@ value |  | Either “true” or “false” to indicate that the patient is trapped | /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/valu e/@value | <value value="false"/> |

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| **Concept: Additional Information** | | **Additional Information that may be of use to the ambulance service. The notes are coded under the following**  **“SPN” Special Patient Notes**  **“LAI” Location Access Information**  **“PRC” Primary Reason for Call – Chief Complaint in recipient systems**  **The PRC additional information is mandatory** | | |  | |
| **Data Item** | **Business relevanc e** | | **Value Guidance** | **Xpath** | | **Example** |
| pertinentInformation7/@typeC ode | None – FIXED  value | | Always FIXED to “PERT” | /AmbulanceRequest/pertinentInformation7/@typeCode | | <pertinentInformation typeCode="PERT"> |
| pertinentInformation7/seperata bleInd/@value | None – FIXED | | Always FIXED to “false” | /AmbulanceRequest/pertinentInformation7/seperatableInd/@value | | <seperatableInd value="false"/> |

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|  |  |  |  |  |
|  | value |  |  |  |
| pertinentAdditionalNotes/@cla ssCode | None – FIXED  value | Always FIXED to “OBS” | /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/  @classCode | <pertinentAdditionalNotes classCode="OBS" moodCode="EVN"> |
| pertinentAdditionalNotes/@mo odCode | None – FIXED  value | Always FIXED to “EVN” | /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/  @moodCode | <pertinentAdditionalNotes classCode="OBS" moodCode="EVN"> |
| pertinentAdditionalNotes/code/  @code  pertinentAdditionalNotes/code/  @codeSystem | CodeSyst em is always FIXED | Code is a code from the NHS111AdditionalInformati on vocab  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.17.422” | /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/c ode/@code  /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/c ode/@codeSystem | <code code="SPN" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.422"/> |
| pertinentAdditionalNotes/text |  | The Additional information text | /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/t ext | <text>The Patient has a history of violence towards healthcare professionals</text> |

# Guidance for CAD to CAD Messaging

Occasionally Ambulance Services need to pass 999 calls on to other Ambulance Services. Examples of when this might happen include

* 999 calls are passed to an ambulance service different to the location of the actual call (for example via a nominated buddy process due to overwhelming demand or telephony failure)
* The Ambulance Service receiving the call is not the most appropriate Ambulance Service – for example when the 999 call was made from a different location to the actual incident
* Emergency roamer calls which are misdirected through BT
* Requests for assistance from neighbouring ASTs

**If the Ambulance Request has originated from an Ambulance Service’s CAD** (for example as a request to transfer a 999 call to a neighbouring Ambulance Service), then the requesting Ambulance Service should

* Create an Ambulance Request as detailed in section 2 of this document (using the same interaction identifier (urn:nhs-itk:interaction:primaryNHS111RequestforAmbulance-v2-0))
* Wrap the Ambulance Request in an ITK2 Distribution Envelope
  + <itk:auditIdentity> to reference the sending Ambulance Service
  + <itk:senderAddress> to reference the sending Ambulance Service
* Wrap the ITK2 DistributionEnvelope in a SOAP wrapper addressed to the receiving Ambulance Service’s end-point

The receiving Ambulance Service should acknowledge the receipt of the Ambulance Request message in the same way as they would as if the request had come from NHS 111.

**If the Ambulance Request message originated from an Urgent and Emergency Care (NHS 111) request message**, then the message would have arrived at the Ambulance Service as a request message, wrapped in an ITK2 distribution envelope and a SOAP wrapper

The receipt of the NHS 111 request should be acknowledged as at present (http response with the CAD reference embedded in the http body).

To forward this on to another Ambulance Service,

* The SOAP wrapper should be re-created to carry the end-point address of the Ambulance Service this message is being transferred to
* The ITK2 Distribution Envelope should be updated to change the <itk:auditIdentity> & <itk:senderAddress> to reflect that the sender is the forwarding Ambulance Service
* The payload should remain untouched

The receiving Ambulance Service should acknowledge the receipt of the Ambulance Request message in the same way as they would as if the request had come from NHS 111.