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

Document Management

Revision History

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

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

Approved by

This document must be approved by the following people: author to indicate approvers

Name	Signature	Title	Date	Version
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

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

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1 Introduction

1.1 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.

2 Guidance for creating an NHS 111 Ambulance Request

2.1 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.

2.2 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.

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"/>

<table>
<tr><td colspan="2" style="background:#aaddee">Concept: author</td><td style="background:#aaddee">Contains the document author details. NOTE it is expected that author details will conform to the AuthorPersonUniversal conformance profile only.</td><td colspan="2" style="background:#aaddee">Includes classes

Author; assignedAuthor; representedOrganization; assignedperson</td></tr>
</table>

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/@codeSystem author/functionCode/@dispalyName	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">

hor/classCode	fixed value			
COCD_TP145200GB01.AssignedAuthor/id/@root COCD_TP145200GB01.AssignedAuthor/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.AssignedAuthor/code/@code COCD_TP145200GB01.AssignedAuthor/code/@codeSystem COCD_TP145200GB01.AssignedAuthor/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="2.16.840.1.3.2.4.17.196" displayName="Nurse Practitioner"/>

COCD_TP145200GB01.AssignedAuthor/addr/@use
 	
COCD_TP145200GB01.AssignedAuthor/addr/streetAddressLine[1..5]
 	
COCD_TP145200GB01.AssignedAuthor/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.AssignedAuthor/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"/>

	from SDS			
COCD_TP145200GB01.AssignedAuthor/templateId/@root COCD_TP145200GB01.AssignedAuthor/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/determinerCode	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/surname	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/classCode	None – a fixed code	Always FIXED to "ORG"	/AmbulanceRequest/author/COCD_TP145200GB01.AssignedAuthor/representedOrganization/@classCode	<representedOrganization classCode="ORG" determinerCode="INSTANCE">
representedOrganization/determinerCode	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.

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"/>

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">

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"/>

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

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**

replacementOf/@typeCode	None – a fixed value	Always FIXED to "RPLC"	/AmbulanceRequest/replacementOf/@typeCode	<replacementOf typeCode="RPLC">
priorPreviousAmbulanceRequest/@classCode	None – a fixed value	Always FIXED to "PCPR"	/AmbulanceRequest/replacementOf/priorPreviousAmbulanceRequest/@classCode	<priorPreviousAmbulanceRequest classCode="PCPR" moodCode="RQO">
priorPreviousAmbulanceRequest/@moodCode	None – a fixed value	Always FIXED to "RQO"	/AmbulanceRequest/replacementOf/priorPreviousAmbulanceRequest/@moodCode	<priorPreviousAmbulanceRequest classCode="PCPR" moodCode="RQO">
priorPreviousAmbulanceRequest/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"/>

Concept: ambulance priority type		This is the nationally agreed code indicating the urgency of the ambulance request			
Data Item	**Business relevance**	**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/@classCode	None – a fixed value	Always FIXED to "OBS"	/AmbulanceRequest/reason/justifyingTriageOutcome/@classCode		<justifyingTriageOutcome classCode="OBS" moodCode="EVN">

justifyingTriageOutcode/@moodCode	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/@codeSystem /AmbulanceRequest/reason/justifyingTriageOutcome/code/@displayName	\<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 ambulance priority code generated (or requested from) the request originating 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/@codeSystem	\<value code="RED2" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.329"/\>

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 relevance**	**Value Guidance**	**Xpath**	**Example**
pertinentInformation6/@typeCode	None – a fixed value	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation6/@typeCode	\<pertinentInformation6 typeCode="PERT"\>

Data Item	Business relevance	Value Guidance	Xpath	Example
pertinentInformation6/seperatableInd/@value	None – a fixed value	Always FIXED to "false"	/AmbulanceRequest/pertinentInformation6/seperatableInd/@value	`<seperatableInd value="false"/>`
pertinentTriageDisposition/@classCode	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/code/@code pertinentTriageDisposition/code/@code	None – a fixed value	Always FIXED to code="TD" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.419"	/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/value/@code pertinentTriageDisposition/value/@codeSystem pertinentTriageDisposition/value/@displayName	The triage disposition 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"/>`

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 relevance**	**Value Guidance**	**Xpath**	**Example**
pertinentInformation/@typeCode	None – a fixed code	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation5/@typeCode	`<pertinentInformation5 typeCode="PERT">`

pertinentInformation/seperatableInd/@value	None – a fixed code	Always FIXED To "false"	/AmbulanceRequest/pertinentInformation5/seperatableInd/@value	<seperatableInd value="false"/>
pertinentEncounterEvent/@classCode	None – a fixed code	Always FIXED to "ENC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/@classCode	< pertinentEncounterEvent classCode="ENC" moodCode="EVN">
pertinentEncounterEvent/@moodCode	None – a fixed code	Always FIXED to "EVN"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/@moodCode	< pertinentEncounterEvent classCode="ENC" moodCode="EVN">
pertinentEncounterEvent/effectiveTime/low/@value pertinentEncounterEvent/effectiveTime/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/effectiveTime/low/@value /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/effectiveTime/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]/@root /AmbulanceRequest/componentOf/encompassingEncounter/id[1]/@extension	<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/text	<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)				

Location/@typeCode	None – a fixed code	Always FIXED to "LOC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/@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#HealthCareFacility"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/npfitlc:contentId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/npfitlc:contentId/@extension	<npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4.18.16" extension="COCD_TP145222GB02#HealthCareFacility"/>
COCD_TP145222GB02.HealthCareFacility/@classCode	None – a fixed code	Always FIXED to "ISDLOC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/@classCode	< COCD_TP145222GB02.healthCareFacility classCode="ISDLOC">
COCD_TP145222GB02.HealthCareFacility/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/location/COCD_TP145222GB01.HealthCareFacility/id/@nullflavor="NA"	<id nullFlavor="NA"/>
COCD_TP145222GB02.HealthCareFacility/templateId/@roo t COCD_TP145222GB01.HealthCareFacility/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#HealthCareFacility"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/templateId/@extension	<templateId extension="COCD_TP145222GB02#HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>
COCD_TP145222GB02.HealthCareFacility/code/@code COCD_TP145222GB01.HealthCareFacility/code/@codeSystem COCD_TP145222GB01.HealthCareFacility/code/@displayName	A code to represent the incident location type. If this is not coded, this informantion 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"/>

	just appear in the text summary			
Location/@classCode	None – a fixed code	Always FIXED to "PLC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/@classCode	\<location classCode="PLC" determinerCode="INSTANCE"\>
Location/@determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/@determinerCode	\<location classCode="PLC" determinerCode="INSTANCE"\>
Location/name	The name of the location (information 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/location/COCD_TP145222GB01.HealthCareFacility/location/name	\<name\>Some details about the incident location\</name\>
Location/addr/@use Location/addr/streetAddressLine Location/addr/postalCode Location/addr/desc Location/addr/additionalLocator	The address details of the 111 incident. Use Street Addess Lines and postcode for postal address. Use desc for textual description 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\>X566889Y66553\</additionalLocator\> \</addr\>

	Locator for easting and northings coordinates			
location/templateId/@root location/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145222GB01#location"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/templateId/@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/location/@typeCode	<location typeCode="LOC">
Location/contentId/@root Location/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP145222GB02#HealthCareFacility"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/npfitlc:contentId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/npfitlc:contentId/@extension	<npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4.18.16" extension="COCD_TP145222GB02#HealthCareFacility"/>
COCD_TP145222GB02.HealthCareFacility/@classCode	None – a fixed code	Always FIXED to "ISDLOC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/@classCode	< COCD_TP145222GB01.healthCareFacility classCode="ISDLOC">
COCD_TP145222GB02.HealthCareFacility/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/location/COCD_TP145222GB01.HealthCareFacility/id/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/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="osgb10000022744425442"/>

		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.HealthCareFacility/templateId/@root COCD_TP145222GB01.HealthCareFacility/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145222GB02#HealthCareFacility"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/templateId/@extension	`<templateId extension="COCD_TP145222GB02#HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>`
COCD_TP145222GB02.HealthCareFacility/code/@code COCD_TP145222GB01.HealthCareFacility/code/@codeSystem COCD_TP145222GB01.HealthCareFacility/code/@displayName	Optional & not required to be sent			
Location/@classCode	None – a fixed code	Always FIXED to "PLC"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/@classCode	`<location classCode="PLC" determinerCode="INSTANCE">`
Location/@determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/@determinerCode	`<location classCode="PLC" determinerCode="INSTANCE">`
Location/name	Required in model,	There is no information for this attribute when using	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/name/@	`<name nullFlavor="NI"/>`

	but no value here, so use nullFlavor "NI"	the gazetteer, so put <name nullFlavor="NI">	nullFlavor	
Location/addr/additionalLocator	The address details of the 111 inclident. We only need the easting and northings detals from the gazetteer in addressLocator	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>X292686Y93624 </additionalLocator> </addr>
location/templateId/@root location/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145222GB01#location"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/COCD_TP145222GB01.HealthCareFacility/location/templateId/@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/recordTarget/@typeCode	<recordTarget typeCode="RCT" contextControlCode="OP">
recordTarget/@contextControlCode	None – a fixed	Always FIXED to "OP"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/@contextControlCode	<recordTarget typeCode="RCT" contextControlCode="OP">

	code			
recordTarget/contentId/@root recordTarget/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP145201GB01#PatientRole"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/npfitlc:contentId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/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/recordTarget/COCD_TP145201GB01.PatientRole/@classCode	\<patientRole classCode="PAT">
patientRole/id/@root patientRole/id/@extension patientRole/id/@assigningAuthorityName	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/recordTarget/npfitlc:contentId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/npfitlc:contentId/@extension	\<id extension="993254128" root="2.16.840.1.113883.2.1.3.2.4.18.24" assigningAuthorityName="RA9:SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST"/>

patientRole/addr/@use
 	
patientRole/addr/streetAddressLine[1..5]
 	
patientRole/addr/postalCode
 	
patientRole/addr/desc
 	
patientRole/addr/additionalLocator
	A set of addresses associated 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/recordTarget/COCD_TP145201GB01.PatientRole/addr /@use
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/addr/streetAddressLine[1]
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/addr /postalCode
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/addr /desc
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/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>

	(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/recordTarget/COCD_TP145201GB01.PatientRole/telecom/@value /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/telecom/@use	<telecom value="tel:01634 775667" use="EC"/>
patientRole/templateId/@root patientRole/templateId/@extension	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145201GB01#PatientRole"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/templateId/@extension	<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/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/@classCode	<patient classCode="PSN" determinerCode="INSTANCE">
patientPatient/determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/@determinerCode	<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/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/name/prefix	<name> <prefix>Mr</prefix> <family>Joe</family>

patientPatient/name/family	structured name format)	unstructured patient name	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/name/family /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/name/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#patientPatient"	/AmbulanceRequest/recordTarget/patientRole/patient/templateId/@root /AmbulanceRequest/recordTarget/patientRole/patient/templateId/@extension	<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/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/administrativeGenderCode/@code /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/administrativeGenderCode/@codeSystem /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/administrativeGenderCode/@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/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/birthTime/@value	<birthTime value="19890101"/>
providerOrganization/@classCode	None – a fixed value	Always FIXED to "ORG"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/providerOrganization/@classCode	<providerOrganization classCode="ORG" determinerCode="INSTANCE">
providerOrganization/@deter	None – a	Always FIXED to	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/r	<providerOrganization

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>

			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"

	patient in the language	which codes and codesystem identifier is known	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/languageCommunication/proficiencyLevelCode/@codeSystem /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/languageCommunication/proficiencyLevelCode/@displayName	displayName="Fair"/>
languageCommunication/preferenceInd/@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/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/languageCommunication/preferenceInd/@value	<preferenceInd value="true"/> OR <preferenceInd nullFlavor="UNK"/>
languageCommunication/templateId	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145201GB01#languageCommunication"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/languageCommunication/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/recordTarget/COCD_TP145201GB01.PatientRole/patientPatient/languageCommunication/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/informant/@typeCode	<informant typeCode="INF" contextControlCode="OP">
informant/contextControlCode	None – a FIXED code	Always FIXED to "OP"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/@contextControlCode	<informant typeCode="INF" contextControlCode="OP">
informant/contentId/@root informant/contentId/@extension	None – a FIXED code	Assuming RelatedEntity Always FIXED Root "2.16.840.1.113883.2.1.3.2.	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/npfitlc:contentId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/npfitlc:contentId/@extension	<npfitlc:contentId extension="COCD_TP145007UK03#RelatedEntity" root="2.16.840.1.113883.2.1.3.2.4.18.16"/>

		4.18.16" Extension "COCD_TP145007UK03#RelatedEntity"		
COCD_TP145007UK03.RelatedEntity/@classCode	None – a FIXED code	Always FIXED to "PRS"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/@classCode	\<relatedEntity classCode="PRS"\>
COCD_TP145007UK03.relatedEntity/code/@code COCD_TP145007UK03.relatedEntity/code/@codeSystem COCD_TP145007UK03.relatedEntity/code/@displayName	A code to represent the relationship between the informant & patient	A code from the CDAPersonRelationshipType vocab codeSystem FIXED to "2.16.840.1.113883.2.1.3.2.4.16.45"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/code/@code /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/code/@codeSystem /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/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.relatedEntity /addr/@use
 	
COCD_TP145007UK03.relatedEntity /addr/streetAddressLine[1..5]
 	
COCD_TP145007UK03.relatedEntity/addr/postalCode
	An address associated with the informant	Informants address	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/addr/@use
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/addr/streetAddressLine[1]
			
			/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/addr/postalCode
				\<addr use="HP"\>
				  \<streetAddressLine\>43 Summers Avenue\</streetAddressLine\>
				  \<streetAddressLine\>Somerset Street\</streetAddressLine\>
				  \<postalCode\>ME5 7TY\</postalCode\>
				\</addr\>

COCD_TP145007UK03.relatedEntity/telecom/@value COCD_TP145007UK03.relatedEntity/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/informant/COCD_TP145007UK03.RelatedEntity/telecom/@value /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/telecom/@use	\<telecom value="tel:07886554123" use="MC"/\>

COCD_TP145007UK03.relatedEntity/templateId/@root COCD_TP145007UK03.relatedEntity/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#RelatedEntity"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/templateId/@extension	\<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/informant/COCD_TP145007UK03.RelatedEntity/relationshipHolder/@classCode	\<relatedPerson classCode="PSN" determinerCode="INSTANCE">
relationshipHolder/determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/relationshipHolder/@determinerCode	\<relatedPerson classCode="PSN" determinerCode="INSTANCE">
relationshipHolder/name/prefix relationshipHolder/name/given relationshipHolder/name/family	The name of the informant	Informant name preferably in structured format	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/relationshipHolder/name	\< 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#relationshipHolder"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/relationshipHolder/templateId/@root /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/informant/COCD_TP145007UK03.RelatedEntity/relationshipHolder/templateId/@extension	\<templateId extension="COCD_TP145007UK03#relationshipHolder" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>

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**

Trauma Flag				
pertinentInformation/@typeCode	None – FIXED value	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation/@typeCode	`<pertinentInformation typeCode="PERT">`
pertinentInformation/seperatableInd/@value	None – FIXED value	Always FIXED to "false"	/AmbulanceRequest/pertinentInformation/seperatableInd/@value	`<seperatableInd value="false"/>`
pertinentTraumaFlag/@classCode	None – FIXED value	Always FIXED to "OBS"	/AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/@classCode	`<pertinentTraumaFlag classCode="OBS" moodCode="EVN">`
pertinentTraumaFlag/@moodCode	None – FIXED value	Always FIXED to "EVN"	/AmbulanceRequest/pertinentInformation/pertinentTraumaFlag/@moodCode	`<pertinentTraumaFlag classCode="OBS" moodCode="EVN">`
pertinentTraumaFlag/code/@code pertinentTraumaFlag/code/@codeSystem	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/@typeCode	None – FIXED value	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation1/@typeCode	`<pertinentInformation typeCode="PERT">`
pertinentInformation1/seperatableInd/@value	None – FIXED value	Always FIXED to "false"	/AmbulanceRequest/pertinentInformation1/seperatableInd/@value	`<seperatableInd value="false"/>`

pertinentFireFlag/@classCode	None – FIXED value	Always FIXED to "OBS"	/AmbulanceRequest/pertinentInformation1/pertinentFireFlag/@class Code	\<pertinentFireFlag classCode="OBS" moodCode="EVN"\>
pertinentFireFlag/@moodCode	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"/\>

@value		safe	alue/@value	
Police Flag				
pertinentInformation3/@typeCode	None – FIXED value	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation3/@typeCode	<pertinentInformation typeCode="PERT">
pertinentInformation3/seperatableInd/@value	None – FIXED value	Always FIXED to "false"	/AmbulanceRequest/pertinentInformation3/seperatableInd/@value	<seperatableInd value="false"/>
pertinentPoliceFlag/@classCode	None – FIXED value	Always FIXED to "OBS"	/AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/@classCode	<pertinentPoliceFlag classCode="OBS" moodCode="EVN">
pertinentPoliceFlag/@moodCode	None – FIXED value	Always FIXED to "EVN"	/AmbulanceRequest/pertinentInformation3/pertinentPoliceFlag/@moodCode	<pertinentPoliceFlag classCode="OBS" moodCode="EVN">
pertinentPoliceFlag/code/@code pertinentPoliceFlag/code/@codeSystem	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/@value		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/@typeCode	None – FIXED value	Always FIXED to "PERT"	/AmbulanceRequest/pertinentInformation4/@typeCode	<pertinentInformation typeCode="PERT">
pertinentInformation4/seperatableInd/@value	None – FIXED value	Always FIXED to "false"	/AmbulanceRequest/pertinentInformation4/seperatableInd/@value	<seperatableInd value="false"/>
pertinentTrappedFlag/@classCode	None – FIXED	Always FIXED to "OBS"	/AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/@classCode	<pertinentTrappedFlag classCode="OBS" moodCode="EVN">

		value		
pertinentTrappedFlag/@mood Code	None – FIXED value	Always FIXED to "EVN"	/AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/@moodCode	<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/code/@code /AmbulanceRequest/pertinentInformation4/pertinentTrappedFlag/code/@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/value/@value	<value value="false"/>

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 relevance**	**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"/>

	value			
pertinentAdditionalNotes/@classCode	None – FIXED value	Always FIXED to "OBS"	/AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/@classCode	\<pertinentAdditionalNotes classCode="OBS" moodCode="EVN"\>
pertinentAdditionalNotes/@moodCode	None – FIXED value	Always FIXED to "EVN"	/AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/@moodCode	\<pertinentAdditionalNotes classCode="OBS" moodCode="EVN"\>
pertinentAdditionalNotes/code/@code pertinentAdditionalNotes/code/@codeSystem	CodeSystem is always FIXED	Code is a code from the NHS111AdditionalInformation vocab CodeSystem FIXED to "2.16.840.1.113883.2.1.3.2.4.17.422"	/AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/code/@code /AmbulanceRequest/pertinentInformation7/pertinentAdditionalNotes/code/@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/text	\<text\>The Patient has a history of violence towards healthcare professionals\</text\>

3 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

- -   o   <itk:auditIdentity> to reference the sending Ambulance Service
  -        o   <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.