



**EESSI – CDM 4.4**

**H - Horizontal**

**H\_BUC\_07 - v4.4.0**

**Notification of Death**

***BUC Specifications***

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## Document history

Version	Date	Short Description of Changes
v0.10	24/03/2014	Initial draft
v0.20	28/03/2014	Rework after internal review
v0.3	12/02/2015	Updates after review P. Cummings.
v0.4	03/03/2015	Adaptations after review from the AHG.
v0.5	30/03/2015	Minor corrections (flow replace by case).
v0.6	08/04/2015	Update following review meeting with AHG on 07/04/2015 and 08/04/2015
v0.99.0	31/03/2016	Candidate for AHG Approval  Inclusion of Request-Reply Table  Inclusion of Attachment Allowed Table  Inclusion of SED & Sub-process Versioning Information
v0.99.1	06/06/2016	Correction made following comments received from AC
v1.0.0	06/07/2016	AC Approved Version
v1.0.1	29/06/2017	Updated Section 5.1 Case Owner – Counterparty – added new diagram H_BUC_07_Diagram v1.0.0.3 Deleted Sub-process section content Added Not Applicable  -Replaced the reference to the BUC on Confluence.
v1.0.2	08/12/2017	Alignment to the standard description and layout of the BUC:  - Section 2.1 changed title to 'Business Scenario' instead of 'Detailed description';  - Section 2.2 changed title to 'Legal base' and rephrased introduction text;  - Updated section 4.1 RUP Table Representation:  branches 2 and 3 to align forward and invalidate wording to the standard wording

		and updated special requirement for branch 3 to allow multiple invoking of the branch;  - Removed Section 4.4 RUP UC Diagram Representation.  - Included H_BUC_04 and H_BUC_10 (as not used for this BUC) in table "Sub processes' Table.
v4.1.0	31/08/2018	- Section 4.4 merged 2 tables (for SED & for Subprocesses) into 1 BUC Artefact table."  - Version adaptations to release 4.1.0
v4.2.0	29/05/2019	Version adaptations to release 4.2.0.
v4.3.0	31/08/2021	Version adaptations to release 4.3.0.
v4.4.0	06/12/2024	<ul style="list-style-type: none"><li>• Version adaptations to release 4.4.0</li><li>• CR 7441: H070 should be allowed only once in H_BUC_07 main process.</li></ul> Correction of special requirement.

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## 1. Introduction

### 1.1. Purpose

The purpose of this document is to construct an external view of, part of, the 'EESSI business system' as described in EC Regulations 883/2004 [R1] and 987/2009 [R2]. The 'EESSI Business System' describes the business and expected business processes without any consideration as to which part(s) may be realized by an IT System (i.e. the proposed EESSI IT System).

The external view comprises of models and descriptions of business use cases, the services of a business system offered to business actors: customers, business partners, or other business systems, and business processes.

A business use case is described from an actor's perspective; it describes the interaction between an actor and the business system, meaning it describes the behaviors of the business system that the actor utilizes. The Business Use Case includes Use Case Diagrams and Business Process Models.

Use case diagrams show actors, business use cases, and their relationships. Use case diagrams do not describe procedures. Alternative scenarios also remain hidden. These diagrams give a good overview of the behaviors of the EESSI business system which will direct and govern part of the expected behaviors and functionality delivered by the EESSI IT System.

The business process models describe procedures of the EESSI business system. The subjects of these descriptions are interactions between actors and the business system, meaning the goods and services that are offered to customers and business partners. On the basis of business process models, outsiders can identify how to interact with the business system. They are especially useful to illustrate sequences, alternatives, and parallel events.

### 1.2. Scope

This document is limited to the external view on the horizontal sector process Notification of Death. The different elements like use case description, actors, and business process as well as supporting UML diagrams and BPMN models pertaining to Notification of Death.

### 1.3. Definitions, Acronyms and Abbreviations

Please see the EESSI Project Glossary [here](#)

### 1.4. References

#	Description	
R1	Basic Regulations EC (883/04)	<a href="#">Regulation EC No. 883/2004.pdf</a>
R2	Implementing Regulations EC (987/09)	<a href="#">Regulation EC No 987/2009.pdf</a>

### 1.5. Overview

Chapter 1 introduces the external view on the business system under review and lists the elements of this specification.

Chapter 2 introduces us to the Notification of Death business process. The chapter gives a short and detailed description as well as a reference to business process' legal base.

Chapter 3 lists the actors involved in the Notification of Death business process.

Chapter 4 describes in detail the Notification of Death business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Notification of Death business process using business process modelling notation (BPMN).

## 2. Description

### 2.1. Business Scenario

The Competent Institutions of Member States, having the duty of mutual information and cooperation, notify the death of an insured person.

### 2.2. Legal Base

This Business Use Case document's legal base is described in the following Regulations

1. Basic Regulation (EC) No 883/2004 [R1]

The following matrix specifies the SEDs that are used in this Business Use Case and documents the articles that provide the legal basis for each SED.

	<b>Base Reg. (883/2004)</b>
	<b>76</b>
H070	✓

*Table 1: SED – Legal base relationship matrix*



### 3. Actors & Roles

This chapter captures details of the actors which are important to understanding the different types of system users. An actor is anyone or anything that exchanges data with the business system. An actor can be a user, external hardware, or another system.

The overarching description of each actor described in this Business Use Case can be found in the Glossary. Below you will find a short description which provides further clarity of this actor within the context of this Business Use Case.

Actor name	Description
<b>Case Owner</b>	In this BUC the Case Owner is the sender of Notification of Death to the Counterparty. In most cases this is an institution in the Country of residence.
<b>Counterparty</b>	<p>In this BUC the Counterparty is the Competent Institution/Liaison body in the (other) Member State that receives the Notification of Death.</p> <p>In exceptional cases the country of residence may receive the information from another party</p> <p>Depending on the situation, the communication may run between 2 or more Member states.</p>

## 4. Use Case

### 4.1. RUP Table Representation

<b>Use Case ID:</b>	<b>H_BUC_07</b>		
<b>Use Case Name:</b>	H_BUC_07 - Notification of Death		
<b>Created By:</b>	EESSI BA Team	<b>Last Updated By:</b>	EESSI BA Team
<b>Date Created:</b>	24/03/2014	<b>Last Revision Date:</b>	06/12/2024
<b>Actors:</b>	Case Owner Counterparty(ies)		
<b>Description:</b>	The Competent Institutions of Member States, having the duty of mutual information and cooperation, notify the death of an insured person.		
<b>Trigger:</b>	The Case Owner sends the Notification of Death to the Counterparty(ies).		
<b>Preconditions:</b>	A person died and the institution has knowledge this person was also insured in another MS		
<b>Post conditions:</b>	The Counterparty(ies) received the Notification of Death.		
<b>Main Scenario:</b>	<p><b>Identify Participant</b></p> <ol style="list-style-type: none"> <li>1. The Case Owner identifies the EU Member State(s) where the person concerned was previously insured based on the information(documents) provided by the insured/deceased person or by the person who declares the death.</li> <li>2. The Case Owner identifies the Competent Institution/ Liaison body (the Counterparty) in each Member State where they were previously insured;</li> </ol> <p><b>Send Notification of Death</b></p> <ol style="list-style-type: none"> <li>3. The Case Owner fills in a Notification of Death (H070) by entering all the required Information;</li> <li>4. The Case Owner sends the H070, attaching, if necessary, any other document , to the Counterparty(ies) proving the death of person concerned ;</li> </ol> <p><b>Process Claim</b></p> <ol style="list-style-type: none"> <li>5. The Counterparty(ies) receive(s) and views H070, and attachments;</li> <li>6. The Counterparty(ies) process(es) the H070;</li> <li>7. The use case ends here.</li> </ol>		
<b>Alternative Scenarios:</b>	<p><b><u>The Following Branches Determine the use of Horizontal Processes within this Business Process</u></b></p> <p><b><u>Branch 1: at any stage after [step 5] the Counterparty identifies that more information is needed to process the Notification</u></b></p>		

	<p>1. The Counterparty starts <b>H_BUC_01 – Adhoc Exchange of Information</b>;</p> <p>2. This Use Case resumes at <b>[step 6]</b>.</p>
	<p><b><u>The Following Branches Determine the use of Administrative Processes within this Business Process</u></b></p>
	<p><b><u>Branch 2:</u> at any stage after [step 5] the Counterparty may choose to Forward Business Process to a new Participant within their MS who assumes responsibility for handling it</b></p> <p>1. The Counterparty executes business use case <b>AD_BUC_05_Forward Case</b>;</p> <p>2. [This Branch] Ends</p>
	<p><b><u>Branch 3:</u> at any stage after [step 4] the Case Owner may choose to advice all recipients of their H070 that it is invalid under Art 5 of 987/09</b></p> <p>1. The Case Owner executes business use case <b>AD_BUC_06_Invalidate SED</b>;</p> <p>2. Optionally, the Case Owner fills in a Notification of Death (H070) by entering all the required data;</p> <p>3. Optionally, the Case Owner sends the H070, including any attachments, to all Counterparties;</p> <p>4. [This Branch] Ends</p>
	<p><b><u>Branch 4:</u> at any stage after [step 4] the Case Owner may choose to send an updated version of H070</b></p> <p>1. The Case Owner executes business use case <b>AD_BUC_010 - Update_SED</b>;</p> <p>2. [This Branch] Ends</p>
	<p><b><u>Branch 5:</u> at any stage after [step 5], any participant may choose to add a new participant</b></p> <p>1. The triggering participant executes business use case <b>AD_BUC_03_Add_Participant</b>;</p> <p>2. [This Branch] Ends</p>
<b>Includes:</b>	<p><b><u>Branch 6:</u> at any stage after [step 4], the case owner may choose to remove a participant</b></p> <p>1. 1. The triggering participant executes business use case <b>AD_BUC_04_Remove_Participant</b> ;</p> <p>2. [This Branch] Ends</p>
	See section 4.4
<b>Special Requirements:</b>	<p><b>SR1:</b> H070 can be sent only once in the Main Scenario.</p> <p><b>SR2:</b> Rules about the invoking of Branches:</p> <p><u>Administrative</u></p>

	<p>[Branch 1] – May only be invoked when there is a valid H070 (not possible to start H_BUC_01 if there's no valid H070).</p> <p>[Branch 2] – May be invoked more than once</p> <p>[Branch 3] – May be invoked more than once</p> <p>[Branch 4] – May be invoked more than once</p> <p>[Branch 5] – May be invoked more than once</p> <p>[Branch 6] – May be invoked more than once</p> <p><b>SR3:</b> Rules about the destination for each SED Type:</p> <p>H070 – Must be sent to all Counterparties</p> <p><b>SR4:</b> H070 may have multiple destination recipients</p> <p><b>SR5:</b> When Update_SED is used (AD_BUC_010-Subprocess), the recipient of updated SED can see both version of SEDs</p>
<b>Assumptions:</b>	N/A
<b>Notes and Issues:</b>	N/A

## 4.2. Request – Reply SEDs

The following table specifies and SED that have a logical pairing to one another, usually this is known as a request-reply pair.

*Not applicable.*

## 4.3. Attachments Allowed

The following table specifies whether attachments are permitted to be included when sending a SED type.

SED	Attachments
<b>H070</b>	Allowed

## 4.4. Artefacts used

The following table specifies the artefacts that are used in this Business Use Case.

Artefact name	Artefact type
<b>H070</b>	<b>SED</b>
<b>H_BUC_01_Subprocess</b>	<b>BUC spec</b>
<b>AD_BUC_03_Subprocess – Add Participant</b>	<b>BUC spec</b>
<b>AD_BUC_04_Subprocess – Remove Participant</b>	<b>BUC spec</b>
<b>AD_BUC_05_Subprocess – Forward Case</b>	<b>BUC spec</b>

Artefact name	Artefact type
<b>AD_BUC_06_Subprocess – Invalidate SED</b>	<b>BUC spec</b>
<b>AD_BUC_10_Subprocess – Update SED</b>	<b>BUC spec</b>
<b>AD_BUC_11_Subprocess – Business Exception</b>	<b>BUC spec</b>
<b>AD_BUC_12_Subprocess – Change of participant</b>	<b>BUC spec</b>

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## **5. Business Processes**

The following paragraphs describe the Business Use Case Notification of Death using BPMN 2.0.

### **5.1. Case Owner and Counterpart(y)(ies)**

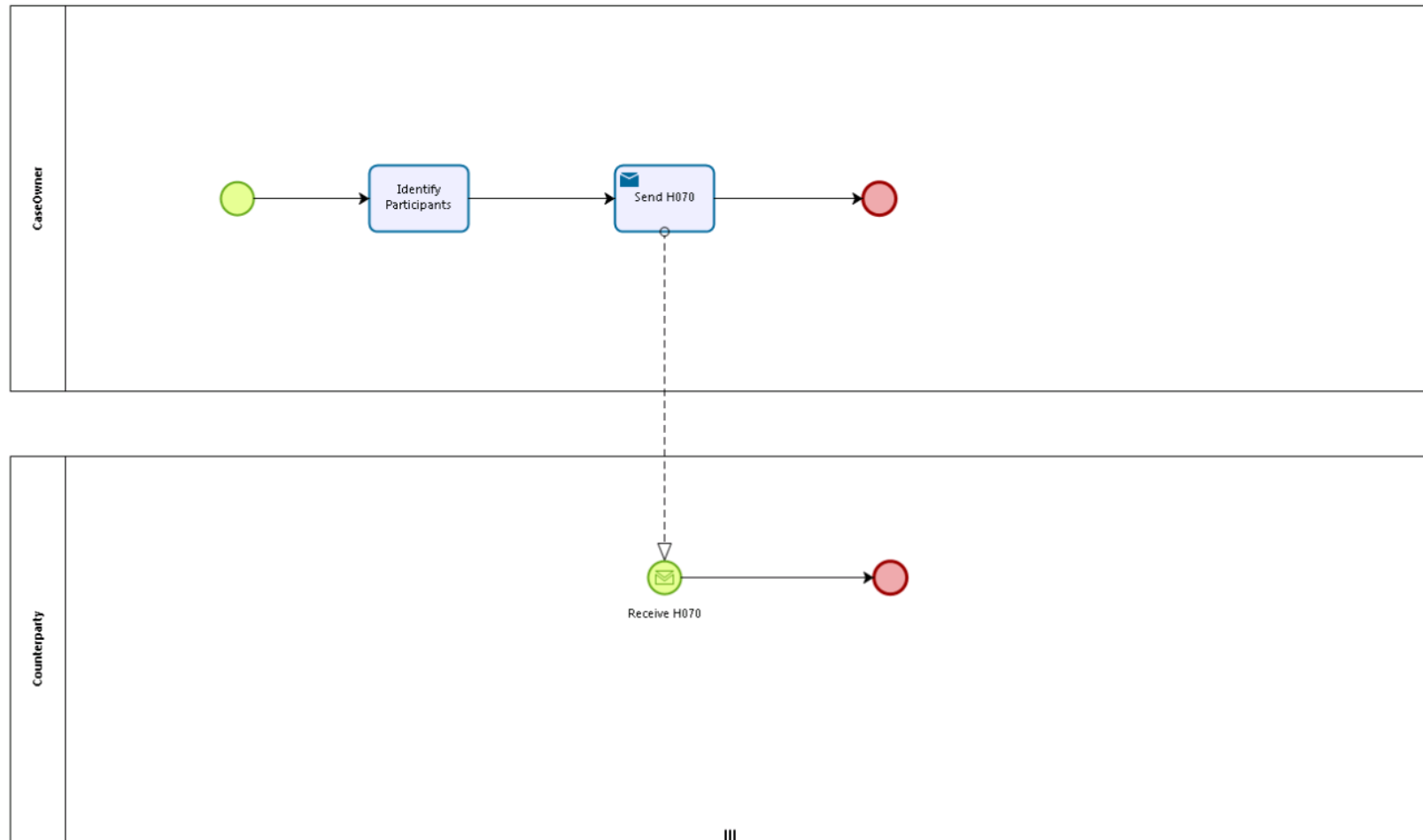


Figure 1: depicts the use case end-to-end, from a high level, using the BPMN 2.0 collaboration diagram

## 5.2. Sub Processes

Not Applicable.



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## 6. Appendices

### 6.1. Issues

N/A