



EESSI – CDM 4.4

S - Sickness

S_BUC_14b - v4.4.0

**Information Related to Incapacity for Work –
given by Institution of Place of Residence/Stay**

BUC Specifications

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Document history

Version	Date	Short Description of Changes
v0.1.0	01/03/2016	First draft of the document
v0.1.1	06/06/2016	Comments from Germany and Finland added. Belgium and United Kingdom had no comment.
v0.2.0	27/06/2016	Alignment to the standard description and layout of the BUC.
v0.3.0	08/11/2016	<p>Remarks and last comments received from Germany have been accepted in the document.</p> <p>Title of the BUC has been changed.</p> <p>Comments received from AC have been implemented in the document.</p> <p>As suggested "Reminder" and "Reject" have been added for the Counterparty.</p> <p>Section 4.1 has been updated (Branch 3 and 4 added)</p> <p>Section 4.4 has been updated (Reminder a,d Reject added)</p> <p>Section 4.5 SED and Sub-process Versioning (Reminder and Reject are added)</p>
v0.99.0	23/11/2016	<p>As agreed by AHG members: "Invalidate" will be added</p> <p>Section 4.1 is updated</p> <p>Branch 5: "Invalidate" is added for Case Owner</p> <p>Section 4.4 RUP UC Diagram Representation is updated</p> <p>Section 4.5 SED and Sub-process Versioning is updated</p> <p>Submitted for AC Approval</p>
v1.0.0	15/12/2016	AC Approved Version
v1.0.1	30/06/2017	<p>-Included BPMN picture in section 5</p> <p>- removed Use Case diagram</p>
v1.0.2	28/02/2018	- Updated Section 4.1: Step 3, Fill in SED S048 corrected with right description of SED
v4.1.0	09/08/2018	<p>- Section 4.4 merged 2 tables (for SED & for Subprocesses) into 1 BUC Artefact table."</p> <p>- Version adaptations to release 4.1.0.</p>
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	Add a new Branch 6 to allow the CO to use the H_BUC_01 sub-process after sending S048 SED, according to the EESSI-7337 CR.

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1. Introduction

1.1. Purpose

The purpose of this document is to construct an external view 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 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.

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 behaviours of the business system that the actor utilises. 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 behaviours of the EESSI business system which will direct and govern part of the expected behaviours and functionality delivered by the EESSI IT System.

1.2. Scope

This document is limited to the external view of the Sickness' sector process about Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay.

The different elements like use case description, business actors, and business process as well as supporting UML diagrams and BPMN models pertaining to Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay.

1.3. Definitions, Acronyms and Abbreviations

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

1.4. References

#	Document Type	Document Name
R1	Basic Regulations EC (883/04)	Regulation EC No. 883/2004.pdf
R2	Implementing Regulations EC (987/09)	Regulation EC No. 987/2009.pdf

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 the Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay business process. This chapter gives a short and detailed description as well as a reference to the business process' legal base.

Chapter 3 lists the actors involved in the Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay business process.

Chapter 4 describes in detail the Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay business process using business process modelling notation (BPMN).

2. Description

2.1. Business Scenario

An insured person residing or staying in a Member State other than the Competent Member State shall be entitled to cash benefits provided by the competent institution in accordance with the legislation it applies.

In case of sickness, maternity or paternity the insured person shall send the certificate to the competent institution within the time limit laid down by the legislation of the Competent Member State. In this kind of situation, the insured person receives cash benefits from the Competent Member State.

This particular case deals with the situation where the institution of the Member State of Residence/Stay provides the institution in the Competent Member State with information related to incapacity for work of the insured person concerned.

At least two scenarios are covered by this case:

1. The institution of the place of residence/stay sends information about the end of incapacity for work of the person concerned;
2. If the institution of the place of residence/stay is in possession of other crucial information related to incapacity for work of the person concerned, it may send it to the institution in the Competent Member State.

2.2. Legal Base

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

- Basic Regulation (EC) No 883/2004 [R1];
- Implementing Regulation (EC) No 987/2009 [R2].

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.

SED	Basic Reg. (883/2004)	Implementing Reg. (987/2009)		
	21	2(2)	27(3)	27(10)
S048	✓	✓	✓	✓

Table 1: SED – Legal base relationship matrix

3. Actors & Roles

This chapter captures details of the actors which are important to understand 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
Case Owner	In this BUC the Case Owner is the institution of the Member State of Residence/Stay which sends to the competent institution information related to incapacity for work.
Counterparty	In this BUC the Counterparty is the competent institution which receives information from the institution of the Member State of Residence/Stay in respect of incapacity for work.

Table 2: Actors & Roles

4. Use Case

4.1. RUP Table Representation

Use Case ID:	S_BUC_14b		
Use Case Name:	Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay		
Created By:	EESSI BA Team	Last Updated By:	EESSI BA Team
Date Created:	01/03/2016	Publication Date:	06/12/2024
Actors:	Case Owner Counterparty		
Description:	<p>The Member State of Residence/Stay sends to the Competent Member State information related to incapacity for work:</p> <ul style="list-style-type: none"> - information about the end of incapacity for work of the person concerned; - other crucial information which is in possession of the institution of the place of residence / stay. 		
Trigger:	The institution of the Member State of Residence/Stay decides to share information about incapacity for work with the institution in the Competent Member State.		
Preconditions:	The insured person resides or stays outside the Competent Member State. The insured person had an incapacity for work due to sickness, maternity or paternity.		
Post conditions:	The Competent Member State receives information on incapacity for work for the insured person.		
Main Scenario:	<p>Identify Participants</p> <ol style="list-style-type: none"> 1. Case Owner identifies the Competent Member State to be informed about the end of incapacity for work for the insured person (or any other valuable information); 2. Case Owner then identifies the competent institution in the Competent Member State. There is only one counterparty. The Case Owner and the Counterparty are herein collectively referred to as the Participants. <p>Send Information on end of incapacity for work</p> <ol style="list-style-type: none"> 3. Case Owner fills in the "Information on the End of Incapacity for Work – given by institution of residence/stay" SED (S048) by entering all required data; <p>In this SED, Section "We inform you about" is mandatory and must be filled-in with the required information; the information can be:</p> <ul style="list-style-type: none"> - the last day for which the person concerned receives cash benefits in respect of incapacity for work: it is the date of the last day of incapacity of work; - and/or "any crucial or any additional information" will be filled-in with any other valuable information related to cash benefits in respect of incapacity for work of the person concerned. <p>Both sections can be filled in.</p>		

	<p>Section 'Attachment' is optional: If a copy of the last medical certificate issued for an ongoing incapacity for work, or any other appropriate document, is attached to the SED S048, the section 'Document' has to be filled-in with the reference of the attached document.</p> <p>4. The Case Owner sends the "Information on end of Incapacity for work – given by institution of residence/stay" SED (S048) to the Counterparty;</p> <p>5. The Counterparty receives the "'Information on end of Incapacity for work – given by institution of residence/stay" SED (S048).</p> <p>6. This use case ends here.</p>
Alternative Scenarios:	<i>Following Branches Determine the use of Horizontal Processes within this Business Process</i>
	<p><i>Branch 1: After [step 5] Counterparty may optionally choose to request Ad Hoc Information from Case.</i></p> <p>1. The Counterparty executes business use case <i>H_BUC_01 – Ad Hoc Exchange of Info;</i></p> <p>2. [This Branch] Ends.</p>
	<p><i>Branch 6: At any step after [step 4] the Case Owner may optionally choose to request AdHoc Information from the Counterparty</i></p> <p>1. The Case Owner executes business use case <i>H_BUC_01 – AdHoc Exchange of Info;</i></p> <p>2. [This Branch] Ends.</p>
	<i>Following Branches Determine the use of Administrative Processes within this Business Process</i>
	<p><i>Branch 2: After [step 5] Counterparty may optionally choose to Forward this Business Process to another Competent Institution within its Member State who assumes responsibility for handing it</i></p> <p>1. The Counterparty executes business use case <i>AD_BUC_05 – Forward Case;</i></p> <p>2. [This Branch] Ends.</p>
	<p><i>Branch 3: After [step 5] Counterparty may optionally choose to send a reminder in order to receive the answer to Ad Hoc Information expected and not yet received.</i></p> <p>1. The Counterparty executes business use case <i>AD_BUC_07 – Reminder;</i></p> <p>2. [This Branch] Ends.</p>
	<i>Branch 4: After [step 5] Counterparty may optionally choose to notify the Case Owner that they Reject a SED they have</i>

	<p>received.</p> <ol style="list-style-type: none"> 1. The Counterparty executes business use case AD_BUC_09 – Reject SED; 2. [This Branch] Ends.
	<p>Branch 5: At any step after [step 4] the Case Owner may choose to advise the Counterparty that their S048 is Invalid under Art 5 of 987/09</p> <ol style="list-style-type: none"> 1. The Case Owner executes business use case AD_BUC_06_- Invalidate SED; 2. Optionally, the Case Owner fills in an "Information on end of Incapacity for work – given by institution of residence/stay" (S048) by entering all the required data; 3. Optionally, the Case Owner sends the S048, including any attachments, to the Counterparty; 4. [This Branch] Ends.
Exceptions:	None
Includes:	See diagram at part 4.4
Special Requirements:	<p>SR0: General Rule As the information is individualised the case can concern only one person.</p> <p><u>This BUC is optional. The competent institution does not need to wait for SED S048 in order to decide whether it pays the benefits for the period indicated in the application (medical certificate submitted by an insured person or SED S055 sent by the institution of the place of residence/stay).</u></p> <p><u>If the competent institution received several medical certificates (e.g. sent with E116 forms or a similar medical certificate form) sent with SED S055 for an ongoing incapacity for work, the institution of the place of residence/stay may send information on the end date of incapacity for work.</u></p> <p><u>If the sick leave ended before the end of the period stated in the medical certificate(s) issued by the doctor and submitted by the insured person to the competent institution, the insured person shall inform the competent institution about this in accordance with law provisions applicable in the Competent Member State.</u></p> <p>SR1: Rules about the invoking of Branches: <u>Horizontal</u> [Branch 1] – May be invoked more than once <u>Administrative</u> [Branch 2] – May be invoked once only when the first SED is received by Counterparty. [Branch 3] – May be invoked more than once. [Branch 4] – May be invoked once and is an interrupting branch. [Branch 5] – May be invoked more than once.</p>
Assumptions:	N/A
Notes and Issues:	N/A

4.2. Request – Reply SEDS

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

REQUEST SED	REPLY SED(s)
None	None

4.3. Attachments Allowed

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

SED	Attachments
S048	Allowed

4.4. Artefacts used

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

Artefact name	Artefact type
S048	SED
H_BUC_01_Subprocess	BUC
AD_BUC_05_Subprocess – Forward Case	BUC
AD_BUC_06_Subprocess – Invalidate SED	BUC
AD_BUC_07_Subprocess – Reminder	BUC
AD_BUC_09_Subprocess – Reject SED	BUC
AD_BUC_11_Subprocess – Business Exception	BUC
AD_BUC_12_Subprocess – Change of Participant	BUC

5. Business Processes

This chapter describes the Business Use Case Information Related to Incapacity for Work – given by Institution of Place of Residence/Stay.

5.1. Case Owner and Counterparty

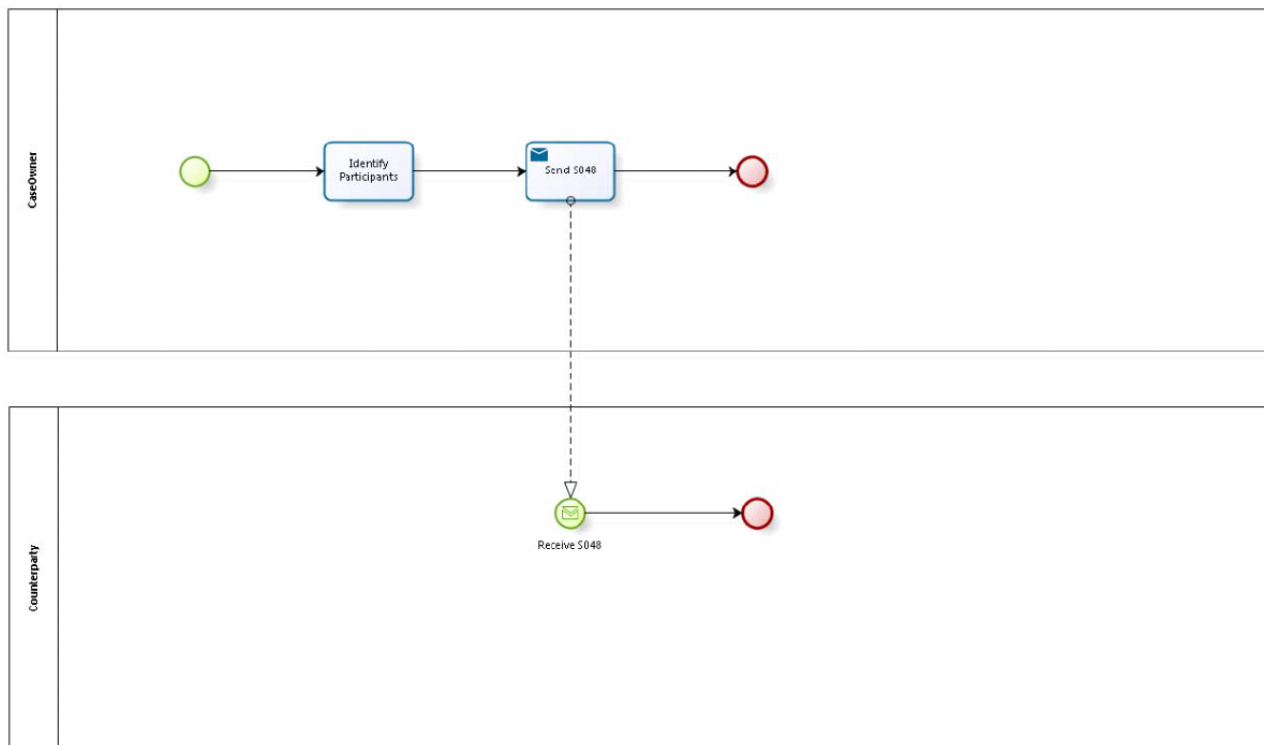


Figure 1: depicts the use case end-to-end for the Case Owner and Counterparty, from a high level, using the BPMN 2.0 collaboration diagram

5.2. Sub Processes

Not applicable.

6. Appendices

6.1. Issues

#	Issue date	Description	Solution	Close date
1	01/03/2016	Sickness Guidelines: page 86 should be updated "If the end of incapacity for work while residing/staying in another Member State changes following an administrative check or a medical examination carried out by the institution of the place of residence/stay, such information is provided with SED S064 - Business flow S013". This sentence should be removed while S_BUC_13 is replaced by a horizontal one.	Sickness Guidelines should be updated according to the remark	06/06/2016
2	04/05/2016	Comment from Germany (GS) as for S048 SED- ' As the SED does not only cover information about the end of incapacity for work but also any "other crucial information which is in possession of the institution of the place of residence / stay", I make myself a note that we should change the title of SED S048. We should bring it in line with the title of the BUC.'	The title of S048 SED should be changed into 'Information Related to Cash Benefits in Respect of Incapacity for Work – given by Institution of Place of Residence/Stay'. Sickness Guidelines (page 86) should be updated according to the new title of the SED	06/06/2016
3	04/05/2016	Section 4.1 RUP Table Description Special Requirements section - Comment from Germany (BO) - From my point of view SR require that participants work with a kind of BUC-state control engine. I doubt whether this is in line with our general approach. How can we manage that this issue will be discussed and solved?	There is a difference between the implementation and the rules. It should probably be controlled at the national level application, but the rules, if implemented on national level, should be described somewhere. This document captures this kind of requirements and behaviour.	06/06/2016
4	26/05/2016	Comment from Finland: ' Should BUC H001 be available in these BUCs also for PO? For example, if clerk forgets to send attachments with S048, he/she could send them afterwards with H001 or	Two solutions can be foreseen: either Counterparty sends H001 by using H_BUC_01 requesting the missing attachments. The Case	06/06/2016

#	Issue date	Description	Solution	Close date
		correct other mistakes or give additional information. Or is it intended that a new BUC should be started?'	<p>Owner replies by sending a H002 with the missing attachments.</p> <p>Either, the Case Owner has the possibility to send an updated version of the S048 by using the "update" option (AC_BUC_10 - Update) available on the SED itself. The Case Owner creates a new version of the SED and has the possibility to send the attachments. The Counterparty will thus receive a new version of the SED, the previous one will be inactivated but still available in the application.</p>	
5	27/06/2016	Conversion of the BPMN to split between Case Owner and Counterparty.	Scheduled for update.	
6	08/11/2016	Add "Reminder" and "Reject" in the BPMN diagram for the Counterparty.	Scheduled for update.	
7	23/11/2016	Add "Invalidate" in the BPMN diagram for the Case Owner.	Scheduled for update.	