

# Simulation exercises: scenario planning documents

No.8

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## Narrative for background scenario

<b>Scenario</b>	
Event	What has happened?
When	When did it happen?
Where	Where did it happen/is it happening?
Notifying person	Who is telling you?
Current time within outbreak plus time and date	What is the time now (e.g. Day 5 since confirmation, 21 <sup>st</sup> August 10:00 am)
Severity	What is the extent of the impact (e.g. animals, products, humans)?
History	What is the history?
Factors that could influence the response	What factors will influence the response (e.g. weather, concurrent disease outbreak)?
Actions taken	What actions have already been taken?

## Inject development plan

<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>	<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>
<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>	<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>
<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>	<p style="text-align: center;"><b>Exercise Inject</b></p> <p>To:</p> <p>Method:</p> <p>From:</p> <p>Content:</p>

## Inject flow map

	Participating Organizations, Levels of Command or Teams		
Time	Veterinary Services	Local Authorities	Police
10.00	X		
10.03	X		
10.05		X	X
10.06	X		
10.10	X		
10.12	X		
10.14			X
10.20		X	

## Format for inject

Inject number e.g. 101 for first inject on day 1, 201 for first inject on day 2	Time		Time sent		
From:		Facilitator/ Role player:			
To:					
Title:	<b>“Exercise name or Exercise only”</b>				
Content:	<b>“Exercise – Exercise – Exercise”</b>				
Method of communication:	Web page:	E-mail:	Fax:	Phone:	Other: e.g. TV broadcast, hand delivered
Objective:					
Expected action:					
Observed action:					
Comments:					

## Alternative inject format

**Inject number**

09

**Date/time**

06/09/2019 at 13:30

**From (role-player)**

Country B facilitator

**On behalf of:**

Chief Veterinary Officer, Country B

**To (receiver/responder)**

Chief Veterinary Officer, Country A

**Method (Phone, email, website, other)**

Email

**Title of message**

Exercise Lockdown: Request for information on vector activity

**Content**

For the purpose of making a risk assessment for African horse sickness, our epidemiologists would like to receive any available information on the vector activity during the equine event at Town C from 21 – 27 August.

**Objective**

Information gathering

**Expected action**

Entomologist in Country A will prepare and submit information on vector activity in Region of Town C.

**Observed action****Comments**

## Master scenario of events list

Time	Open Source (i.e. an external matter which has an impact - often media related)	Detailed Events and Expected Player Actions/Decisions				
		Infected premises	LDCC – Allocations Team	LDCC - Field Operations Team	LDCC – Tracings Team	Notes
08.00		e.g. Valuation is being carried out.	e.g. Coordination meeting taking place. Checking availability of staff for infected premises.	e.g. Coordination meeting taking place. Assessing requirements for carcase removal.	e.g. Coordination meeting taking place. Identifying high-risk contacts for priority visits.	
08.15		e.g. Valuation is being carried out.	e.g. Allocating tasks to appropriate officers.	e.g. Identifying contractors for loading and transport of carcasses.	e.g. Identifying high-risk contacts for priority visits.	
08.30		e.g. Valuation is being carried out.	e.g. Updating the computer system.	e.g. Entering details of staff allocated onto the Field Operations Allocation Board.	e.g. Completing Job Request for high-risk contact visits to send to Allocations Section.	
08.45	e.g. A TV news website has outbreak news which is factually incorrect.	e.g. Killing team arrives.	e.g. Coordination meeting taking place. Prioritising jobs.	e.g. Coordination meeting taking place. Emailing information to the contractors for carcase removal.	e.g. Coordination meeting taking place. Completing Job Request for high-risk contact visits to send to Allocations Section.	e.g. Someone should notice that the information on the TV news website is incorrect.
09.00		e.g. Killing team is assessing the site.	e.g. Receives list of high-risk tracings from Tracings Section.	e.g. Establishing stores and staff requirement to undertake Preliminary Cleaning and Disinfection.	e.g. Contacting farmers identified as contacts to agree meeting times and locations.	

*Adapted from United Kingdom Animal and Plant Health Agency's Master Schedule Template.*



## Master Events List

Inject number	Inject delivery method	From	To	Date	Time	Inject subject	Expected action	Comment
	Email	Control Room	All players	21/04/2020	09:00:00	Start Exercise (background scenario)		
101	Phone call	Farmer	Local Veterinary Office	21/04/2020	09:01:00	Reports suspicion of foot-and-mouth disease	Veterinary Officer notifies line manager, NDCC and Regional Veterinary Laboratory	Section 1.2 of Chapter 1 of FMD Suspect Chapter
102								
103								
104								
105								
106								
107								
108								
Lunch				21/04/2020	12:00:00			
	Email	Control Room	All players	21/04/2020	13:00:00	Time-jump (transition statement)		
109								
110								
.....								
	Email	Control Room	All players	21/04/2020	17:00:00	End Exercise		

## References and further reading

1. Australian Government Department of Agriculture, Fisheries and Forestry (2013) [Biosecurity Emergency Management: Exercise Management Guide](#)
2. European Centre for Disease Prevention and Control (2014) [Handbook on simulation exercises in EU public health settings](#)
3. United Kingdom Animal and Plant Health Agency (2020) Personal communication
4. World Health Organization (2009) [Emergency Exercise Development](#)

For scenario ideas:

1. Iowa State University, The Centre for Food Security and Public Health (2008) [Response Plan and Exercises](#)
2. Nordic-Baltic Veterinary Contingency Group (2011) [Exercise Autumn \(African swine fever\)](#)
3. Nordic-Baltic Veterinary Contingency Group (2017) [Exercise Pegasus \(African horse sickness\)](#)
4. United Kingdom Department for Environment, Food and Rural Affairs (2010) [Exercise Silver Birch \(foot-and-mouth disease\)](#)
5. United Kingdom Department for Environment, Food and Rural Affairs (2018) [Exercise Blackthorn \(foot-and-mouth disease\)](#)