Health Protection Agency Emergency Response Division

EXERCISE SHIPSHAPE HANDBOOK

FRIDAY 6TH JUNE, 2003

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WELCOME

Dr Pat Troop

Chief Executive, Health Protection Agency

Welcome to Exercise Shipshape the Health Protection Agency Severe Respiratory Syndrome (SARS) Exercise. Thank you all for coming, especially those of you who have had to travel long distances. In association with our advisors, The Eric Morris Consultancy Limited, we can promise you a very interesting and, we hope, fruitful day.

AIMS AND OBJECTIVES OF EXERCISE SHIPSHAPE

Aim: This one-day desktop exercise has been designed to develop the response of the Health Community in the event of a SARS outbreak and to find out where it needs to be amended and improved.

Key Objectives:

- 1. To explore the capabilities of local healthcare systems in coping with an increasing number of SARS cases.
- 2. To explore control of infection guidelines, including isolation procedures and communication protocols.
- 3. To assess regional support to the local event.
- 4. To explore contact tracing arrangements and co-ordination of data communication.
- 5. To identify resource requirements.
- 6. To review command and control structures including an understanding of roles and responsibilities.
- 7. To explore HPA co-ordination centrally.
- 8. To identify support functions that will be required, their implementation and delivery.
- 9. To confirm the Department of Health (DoH) role and the responsibilities of Other Government Departments (OGD's).
- 10. To identify the implications for public order
- 11. To explore the responses of SARS control teams and other players to requests for information from the media.

OUTLINE PROGRAMME

Time	Event	Comment
Friday		
6 June 03		
0830	Delegates arrive	
0830-0900	Welcome coffee	
0900-0930	Central Briefing	
	Welcome	Dr Nigel Lightfoot, HPA
	SARS Threat to the UK	Dr Bob Spencer, Consultant
		Microbiologist, Bristol
	• Exercise brief	Christopher Le Hardy,
		EMCL
0930-1230	Exercise Phase 1	During this session, media
		interviews will take place
		with nominated members of
		each syndicate
	e available throughout	
1230-1330	Buffet Lunch	Break for lunch
1330-1530	Exercise Phase 2	During this session, media
		interviews will take place
		with nominated members of
		each syndicate
1530-1600	Syndicates complete reports and prepare	-
	briefs	
1600-1630	Wash up	Plenary room
	• Five minute brief from each	
	Syndicate leader	
	 Debrief from external players 	
	• Panel Questions and Answers	
	• Summary	
		1

WHAT TO EXPECT FROM THE EXERCISE

This booklet provides details on the background and current situation to set the scene. Please take the time to read it carefully.

After the opening addresses, you will be divided into syndicates in order to consider the problems and challenges posed during the day. These syndicates will represent:

- (1) Local Health and Health Protection (Bristol/Bath area).
- (2) Local Health and Health Protection (Newport/Gwent Area).
- (3) Wales National and Strategic
- (4) South West Regional Government, Health and Health Protection.
- (5) Department of Health (DoH), and DoH Operations
- (6) National SARS team
- (7) Health Protection Agency (National)

The Directing Staff from Exercise Control will represent any other necessary functions, organisations and personalities.

A syndicate leader ought to be appointed by each group. At the start of the exercise you will be given a series of issues and questions to consider, called Exercise Action Serials (EACTS). You may, of course, seek clarification of any matter from Exercise Control, or by speaking to the other syndicates. We ask that you use your imagination and role-play the issues as far as practical, making the exercise both constructive and fun.

In order to test responses to the media, we also ask you to nominate a member of your syndicate who would be happy to replicate a television interview, either with a 'journalist' via a telephone call, or on video.

The exercise will be monitored throughout by the Directing Staff from the HPA and The Eric Morris Consultancy and recorded by means of the Exercise Action Reports (EACTREPs). Your syndicate answers to these EACTREPs will be colour coded according to each syndicate. Please complete them as fully as possible, preferably avoiding jargon and in clearly written English. They will be used afterwards as the basis for the exercise report.

SYNDICATES AND CONTACT DETAILS

The Syndicates are:

Syndicate:	Role:	Exercise Tel/Fax: 0117 9260041/0117 9260089 (Switchboard, then extension)
1. Local Bristol	 Multi skilled team Direct contact with patients. Direct contact with the General Public Primary Care Trusts NHS issues in A&E and the main hospital Clinical Issues Application of the Major Incident Plan 	Ext: 1852
2. Local Newport/Gwent	As for Bristol (above)	Ext: 1853
3. South West Regional Government, Health and Health Protection	 Strategic Health Authorities (Bristol) Regional ACT, PCT and NHS Issues 	Ext: 1851
4. Wales Public Health	 Strategic Health Authorities (Wales) Regional ACT, PCT and NHS Issues 	Ext: 1853
5/6 DoH and DOH OPS and National SARS Team (CDSC)	National issuesMinisterial issuesInternational issues	Ext: 1816
7. HPA National	Central co-ordination of HPA activity	Ext: 1816
8. Exercise Control (EXCON)	 Feed Action Serials to the Syndicates. Visit Syndicates to assist. Collect EACTREPs 	Ext: 1828

EXTERNAL SYNDICATES

The Central Public Health Laboratory will be performing a paper exercise based on SHIPSHAPE to look at the ability to increase SARS testing.

OBSERVERS

In view of Ministerial, Cabinet Office and European Commission interest, there is likely to be a large number of visitors and observers to this exercise. An Observers' Group control will be established, and some observers will be assessing how the scenarios would impact upon their organizations and services.

Dr Nigel Lightfoot will be the observer co-ordinator.

EXERCISE CONTROL (EXCON)

Exercise Control will provide additional written and verbal problems to the syndicates throughout the day.

In addition, if needed they will play:

- Ministers, Cabinet Office (COBRA)
- Government Departments (possibly by some observers from relevant departments)
- Security Services
- Government Information Services
- MOD UK and Subordinate Commands
- Members of the general public, other patients etc.

Directing Staff. The Exercise Director, his deputy and the Exercise Administration will run EXCON and advise syndicates, in conjunction with the Observers and Expert Advisers.

Communications: Each syndicate room will be provided with a telephone using the internal telephone system, while three PCs with Internet access will be provided at Exercise Control. Conference call facilities are available if required.

Note:

A SARS outbreak is a sensitive subject. On open lines you are please asked to preface everything with the words 'Exercise SHIPSHAPE'.

Other Exercise Commands to be aware of include:

Start of Exercise
 Suspend exercise
 Restart Exercise
 End of Exercise
 Early termination
 Real incident Alert
 SHIPSHAPE – RESUME.
 SHIPSHAPE – ENDEX
 SHIPSHAPE – ABORT
 SHIPSHAPE – SAFEGUARD

Role Play: Exercises of this nature can bring out the best (and worst!) of the thespian in both players and Directing Staff. The day will be far more valuable if you enter into the spirit of the Exercise. We have deliberately chosen a fairly simple scenario and have not attempted to swamp the system with a mass of incidents and casualties. However as with other highly contagious diseases or CBRN events, should there be a major SARS outbreak, there are likely to be far more patients and an element of public panic that would generate large numbers of inquiries. In framing your responses we ask that you also think through and react to a far larger scenario. In summary, whilst we have a very real purpose to achieve it can also be made fun and more useful if you use your imagination.

BACKGROUND

SARS

Severe Acute Respiratory Syndrome (SARS) is the term used to describe a serious respiratory illness that emerged in Southern China in November 2002 and spread into the Far East and out to 30 countries in the spring of 2003. As at 2 June 2003 8360 cases and 764 deaths had been reported globally to the World Health Organization (WHO). However, the real situation in China gives the most concern and the real facts have yet to emerge; indicating that a further, larger outbreak may occur.

IMPACT

The impact so far has been considerable. In the public consciousness SARS has been added to the war on terrorism, the war in Iraq and the general global economic situation. Business travel in Asia and the Pacific has been badly curtailed, tourism and the airlines One report from the Economist added that SARS had hampered communications, endangered supply lines and was even affecting a whole range of western industries that depend on production lines from Asia. In Hong Kong, Singapore and China drastic measures have been taken to curtail the spread of SARS, with schools being closed closed, public events cancelled, travel restrictions imposed and whole tower blocks quarantined. The media have rated SARS as potentially damaging as other historical epidemics such as Asian flu, Aids (23 m deaths), Ebola (1000 deaths), Measles in UK (800,000 victims but few deaths) and the Spanish Flu pandemic in 1918 (70m deaths). The swift transfer of SARS into at least 30 countries has made SARS one of the most serious global health threats since Aids largely because of its potential to spread through air travel. The WHO issued a rare emergency travel advisory note on 16 March, and later it placed Toronto on the affected area list (23 April). Canada was the first non-Asian country to have deaths from SARS with 15 victims from a reported 320 cases (22 April 03). The UK has issued Health Alerts and FCO travel advice specifically advises against travel to affected areas.

By early May 2003 cases appear to have peaked everywhere except mainland China where the Chinese Prime Minister warned that SARS was going to be a long-term, complex and relapsing epidemic.

The latest world situation actual recorded situation as at 2 June by the World Health Organization (WHO) is:

•	Global:	8360 cases	764 deaths
•	China:	5328	332 deaths
•	Hong Kong:	1739 cases	278 deaths
•	Taiwan:	676 cases	81 deaths
•	Canada:	188 cases	30 deaths

UK DEVELOPMENTS

The UK statistics are:

- 1 confirmed case.
- 4 probable cases being reported; all have recovered.
- 159 possible cases in UK residents, none of which have been upgraded to probable.
- 0 deaths.

EXPERT ADVISORY GROUP

On 7 May the Health Protection Agency formed a 30 strong Expert Advisory Group (EAG) on SARS to advise the Department of Health and the NHS on protection and control measures. The EAG SARS is chaired by NR Chief Executive of the Health Protection Agency.

Its Terms of Reference include:

- A review of the clinical, microbiological and epidemiological evidence including modes of spread;
- To advise the DOH and NHS on emerging issues and potential high risk situations;
- To anticipate future scenarios, to advise on the work needed, to respond to this and to assess the outcome of that work;
- And, to advise on future research needed.

SARS GUIDANCE

The very latest guidance is available in the following documents:

- SARS Letter from the Chief Medical Officer to all Chief Executives of NHS and Primary Care Trusts, dated 29 April 2003.
- HPA draft Interim Public Health Strategy for protecting the UK population from SARS, dated 13 May 2003.
- PHLS Management of Contacts in SARS cases dated 21 May 2003. This covers the
 definition of contacts, and the management of close contacts of UK probable and
 highly suspect cases, of low suspect cases, of close contacts in special circumstances,
 of health care workers returning from an affected area, other contacts, and Voluntary
 Home Isolation.
- A press and clinical Question and Answer Brief (latest revision) dated 20 May 2003 is available from the PHLS website.
- PHLS Case Definitions, case reporting and follow up procedures (latest revision), dated 19 May 2003.

Copies of these documents are available in Exercise Syndicate folders, alongside a Summary of Hyperlinks in the HPA Interim Strategy for SARS.

KEY ELEMENTS OF SARS

The key elements of SARS are:

- Global death rate is 4-10% (WHO culmative). (8-15% based on the finding of a study into Hong Kong 1400 cases by Imperial College London).
- Most cases are adults of working age; older people are more susceptible.
- Few cases reported in children (U13 yrs).
- Main spread of cases has been cross infection within hospitals and home carers.
- Symptoms: high fever (>38°C) temperature, dry cough, shortness of breath and respiratory infection. Chest X-rays indicative of pneumonia.
- Infectiousness: incubation 2-7 days, infectious for 10 days.

DELEGATE LIST

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1	Dr Jane Leese Senior Medical Officer	DoH PH6	jane.leese@doh.gsi.gov.uk Office: 0207 9721526 Mob: 07711 309219	DoH
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REACTION/COMMENTS SHEET (Please return to EXCON before you leave)

Please complete the following questions:
What are the three most important things you have learned from today's exercise?
1.
2.
3.
What changes, if any, will you make to your existing SARS plan?
Did the exercise scenario provide you with enough information? What else might have been useful?
Did you already know about the WHO Interim Guidelines on SARS?
Do you think there should be a national plan for all Communicable Disease Control and why?
Have you any other comments or observations?
Name: Contact tel: (Optional)

DISCLAIMER

All of the characters depicted with the exercise scenario that follows are entirely fictitious, and are included for the purposes of realism and accuracy during the exercise only. Both the HPA and The Eric Morris Consultancy Ltd. may change, alter and adapt the programme and the content of SARS Exercise at any time. The exercise handbook and all related material are provided by the HPA in partnership with The Eric Morris Consultancy Ltd.