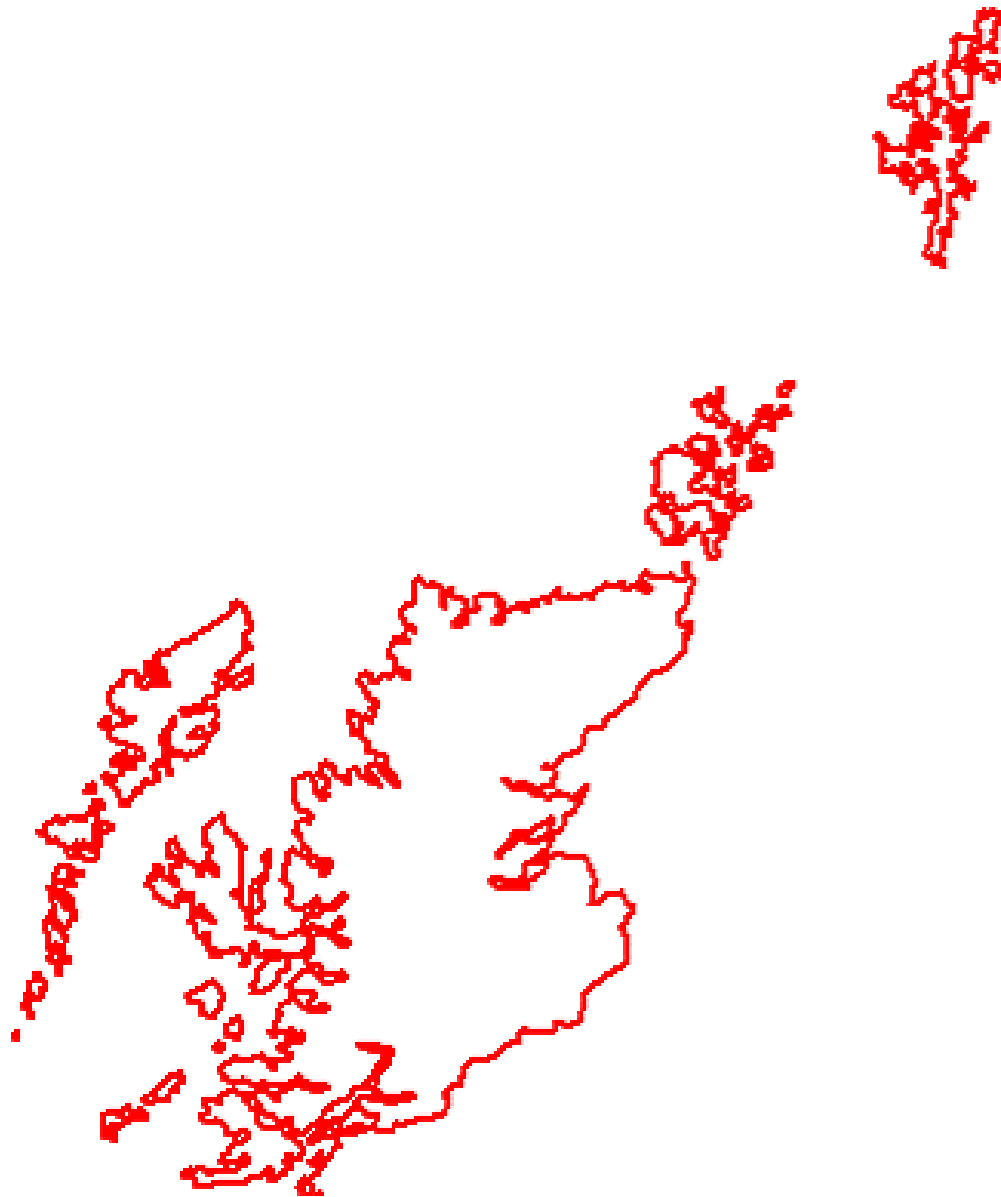


**HIGHLANDS & ISLANDS
STRATEGIC CO-ORDINATING GROUP**



COMMUNITY RISK REGISTER

CONTENTS

PAGE NUMBER

Introduction	2
What is the Community Risk Register?	2
Risk Management Process	3
How has this Risk Register been compiled?	5
Risk Assessment Matrix	5
Definition of Risk Rating	6
Likelihood and Impact Scales	6
Impact Scoring Scale	7
Summary of Risk Assessment Process	9
Hazard Descriptions	11
Risk Register Detail	
Highland	14
Orkney	16
Shetland	17
Western Isles	19
Common	20
Category 1 Responders	24
Category 2 Responders	25

INTRODUCTION

What is the Community Risk Register (CRR)?

The Community Risk Register (CRR) is intended to inform communities within the Highlands and Islands of a range of potential emergency incidents and it provides the basis for emergency planning, response and recovery.

The Community Risk Register has been compiled in accordance with "Preparing Scotland" the Scottish guidance on preparing for emergencies.

An 'Emergency' is defined as '**an event or situation which threatens serious damage to human welfare in a place in the UK, the environment of a place in the UK**'.

The inclusion of a particular risk in this Community Risk Register does not necessarily indicate that the risk will lead to an actual event or occurrence, or occur at the scale described. Risk Assessments are made on credible worst case scenarios and applied to hazards that local and national organisations have identified within Highlands and Islands.

At its simplest risk assessment asks the following questions:

- | | |
|-------------------|--|
| <i>What if?</i> | Seeks to identify risks, both hazards and threats. |
| <i>What then?</i> | The likelihood and the impact (the consequences) of events are assessed. |
| <i>So what?</i> | Evaluates the significance of the risks and their relevance to the local area. |
| <i>Then what?</i> | Take steps to manage the risks. |

The purpose of risk assessment is to:

- ensure that those who have to respond to an emergency incident have an accurate understanding of the risks that they face so that their planning has a sound foundation and is proportionate to the risks.
- enable local responders to assess the adequacy of their planning and capabilities, and allow any shortcomings to be addressed.
- facilitate co-ordinated local preparation based on consistency planning assumptions.
- enable local responders to describe the emergency planning context for the public and officials.
- inform and reflect Scottish and UK risk assessments that support emergency planning and capability development.
- provide a rational basis for the prioritisation of objectives, work programmes and the allocation of resources.

Risk assessment contributes to a process that is cyclical and subject to regular review which will lead to a continuous improvement in local risk management. It is essential that the risk management process responds quickly to changes in the risk environment. This means that the process should be iterative, monitor risks and be kept up to date.

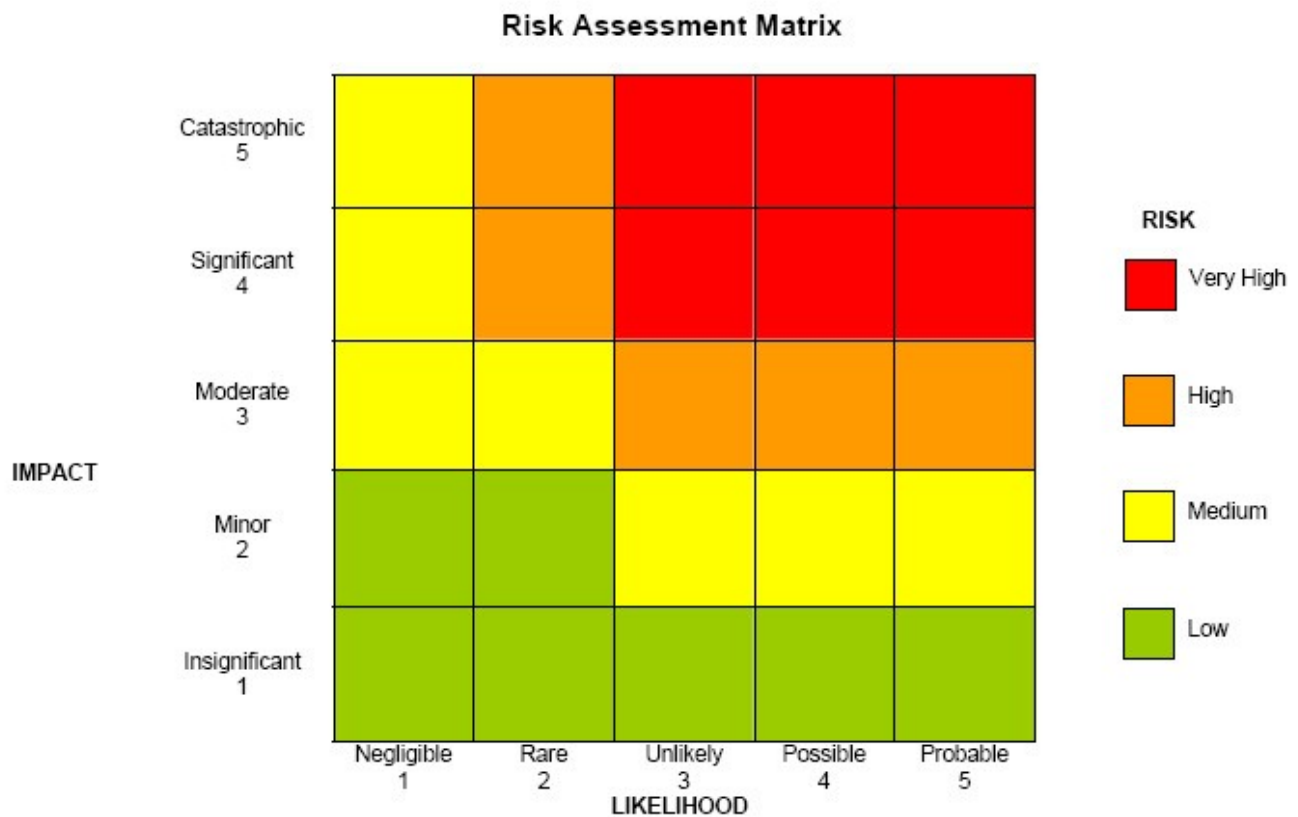
How has this Risk Register been compiled?

The CRR identifies the areas of potential risk within the Highlands and Islands using the hazard categories and sub-categories outlined by the Scottish Executive guidance.

An assessment has been made of the **Likelihood** and **Impact** of an event occurring, to give a **Risk Rating**.

- The **Likelihood** has been assessed following consideration of data of local, regional and nationally occurring events.
- The potential **Impact** has been considered against each event and its likely impact on the **Health, Social, Economic and Environmental** aspects of our community.
- The likelihood and impact assessments have been used to develop a **Risk Rating** of Low, Medium, High or Very High by use of the **Risk Assessment Matrix** (see below) as defined in the guidance.

The risk register only covers **hazards** (accidental in nature) rather than **threats** (of malicious intent). This does not mean that threats have not been considered as part of the risk assessment process, but given that some of the information in threat assessments may be of a sensitive nature or have the potential for misuse, such details are not publicly available. Threat scenarios that are considered include criminal or terrorist activity.



Definition of Risk Rating

Very High – these are classed as primary or critical risks requiring immediate attention. They may have a high or low likelihood of occurrence, but their potential consequences are such that they must be treated as a high priority. This may mean that strategies should be developed to reduce or eliminate the risks, but also that mitigation in the form of (multi-agency) planning, exercising and training for these hazards should be put in place and the risk monitored on a regular frequency. Consideration should be given to planning being specific to the risk rather than generic.

High Risk – these risks are classed as significant. They may have high or low likelihood of occurrence, but their potential consequences are sufficiently serious to warrant appropriate consideration after those risks classed as ‘very high’. Consideration should be given to the development of strategies to reduce or eliminate the risks, but also that mitigation in the form of at least (multi-agency) generic planning, exercising and training should be put in place and the risk monitored on a regular frequency.

Medium Risk – these risks are less significant, but may cause upset and inconvenience in the short-term. These risks should be monitored to ensure that they are being appropriately managed and consideration given to their being managed under generic emergency planning arrangements.

Low Risk – these risks are both unlikely to occur and not significant in their impact. They should be managed using normal or generic planning arrangements and require minimal monitoring and control unless subsequent risk assessments show a substantial change, prompting a move to another risk category.

LIKELIHOOD AND IMPACT SCORING SCALES

Likelihood Scoring Scale – Quantitative and Qualitative Measures

The likelihood scale above changes exponentially – by an order of magnitude (times 10) – per level of the scale – a logarithmic scale. This is because many of the events covered in any risk assessment will tend to be unlikely and the majority will then cluster at the lower end of a linear scale of likelihood, which would make it difficult to discriminate between event types. In addition, for many types of event it is only possible to differentiate likelihood by orders of magnitude because no accurate statistical or historical data is available to support a more definitive analysis. The “>” symbol in the table means “greater than”.

Level	Descriptor	Indicative Chance of Occurrence in <u>5 Year Period</u>	General Description
1	Negligible	0.005% to 0.05% or 1 in 20,000 up to 1 in 2,000 chance	May occur only in very exceptional circumstances. May occur with a chance of between 1 in 100,000 to 1 in 10,000 per year at most.
2	Rare	Greater than 0.05%, up to 0.5% or > 1 in 2,000 and up to 1 in 200 chance	Very few recorded incidents or anecdotal evidence and/or no recent incidents in associated organisations, facilities or communities and/or little opportunity, reason or means to occur. May occur with a chance between one in 10,000 and 1 in 1,000 per year.

3	Unlikely	Greater than 0.5%, up to 5% or > 1 in 200 and up to 1 in 20 chance	Might occur at some time; and/or few, infrequent, random recorded incidents or little anecdotal evidence; and/or few incidents in associated or comparable organisations, facilities or communities; and/or some opportunity, reason or means to occur. May occur with a chance of between 1 in 1,000 and 1 in 100 per year.
4	Possible	Greater than 5%, up to 50% or > 1 in 20 and up to 1 in 2 chance	Regular recorded incidents and strong anecdotal or predictive evidence. May occur/recur with a chance of between 1 in 100 and 1 in 10 per year.
5	Probable	Greater than 50% or 1 in 2 chance	High level of recorded incidents and/or very strong predictive evidence. Likely to occur/recur with a chance of more than 1 in 10 per year.

Impact scoring scale – qualitative measures

The **impact** rating level is the arithmetic mean (total divided by 4) of the rating for each category considered (health / social / economic / environmental), with the mean then rounded up or down on the basis of local judgement and circumstances prevailing.

For example, if the scale of a particular hazard scores Level 3 for Health, Level 3 for Social, Level 2 for Economic and Level 1 for Environment, then the mean score will be 9 divided by 4 = 2.25, rounded down to an impact level of 2 on consideration by the SCG risk assessment working group.

Level	Descriptor	Categories of Impact	Description of Impact
1	Insignificant	Health	- Insignificant number of injuries or impact on health.
		Social	- Insignificant number of persons displaced and insignificant personal support required. - Insignificant disruption to community services, including transport services and infrastructure.
		Economic	- Insignificant impact on local economy
		Environment	- Insignificant impact on environment.
2	Minor	Health	- Small number of people affected, no fatalities; small number of minor injuries with first aid treatment.
		Social	- Minor damage to properties. - Minor displacement of a small number of people for less than 24 hours; minor personal support required. - Minor localised disruption to community services or infrastructure for less than 24 hours.
		Economic	- Negligible impact on local economy and cost easily absorbed.
		Environment	- Minor impact on environment with no lasting effects.
3	Moderate	Health	- Sufficient number of fatalities with some casualties requiring hospitalisation and medical treatment and activation of major accident procedures in one or more hospitals.
		Social	- Damage confined to a specific location, or number of locations, but requires additional resources. - Localised displacement of more than 100 people for 1-3 days. - Localised disruption to infrastructure and community services.
		Economic	- Limited impact on local economy; some short-term production loss; possible additional clean up costs.
		Environment	- Limited impact on environment with short-term or long-term effects.

Level	Descriptor	Categories of Impact	Description of Impact
4	Significant	Health	- Significant number of people in affected area; multiple fatalities, multiple serious or extensive injuries, significant hospitalisation and activation of major accident procedures across a number of hospitals.
		Social	- Significant damage that requires support for local responders with external resources. - 100 to 500 people in danger and displaced for longer than 1 week. Local responders require external resources to deliver personal support. - Significant impact on and possible breakdown of delivery of some local community services.
		Economic	- Significant impact on local economy with medium-term loss of production. - Significant extra clean up and recovery costs.
		Environment	- Significant impact on environment with medium to long-term effects.
5	Catastrophic	Health	- Very large numbers of people in affected area(s) impacted with significant numbers of fatalities and large number of people requiring hospitalisation with serious injuries with longer-term effects.
		Social	- Extensive damage to properties and built environment in affected area requiring major demolition. - General and widespread displacement of more than 500 people for prolonged duration and extensive personal support required. - Serious damage to infrastructure causing significant disruption to, or loss of, key services for prolonged period. Community unable to function without significant support.
		Economic	- Serious impact on local and regional economy with some long-term, potentially permanent, loss of production with some structural change. - Extensive clean up and recovery costs
		Environment	- Serious long-term impact on environment and/or permanent damage.

SUMMARY OF RISK ASSESSMENT PROCESS

NAME OF STEP	ACTIONS	INPUTS	AGENCIES INVOLVED
Establish the Emergency Risk Management Context	<p>Set scope of project (relate to guidance and definition of emergency in the Act).</p> <p>Identify partners.</p> <p>Describe local context.</p> <p>Set out risk evaluation criteria.</p>	<p>Initial discussion at Strategic Co-ordination Group.</p> <p>Internal discussions with partners</p>	<p>Category 1 responders.</p>
Initial Hazard and Threat Identification	<p>Each Category 1 responder identifies and describes hazards and threats which might present significant concerns in next 5 years to which it would be required to respond.</p>	<p>Guidance Annex 2 Hazard categories and separate guidance on threat categories.</p> <p>Research and experience.</p> <p>Category 2 responders contribute as required.</p>	<p>All Cat 1 responders individually.</p>
Multi-agency Collation of Hazards and Threats	<p>Strategic Co-ordinating Group co-ordinates the collation of hazards and threats identified by local responders. Determination of agencies and Category 1 responders that are best qualified to assess, or lead, on the likelihood and impact of the hazards and threats.</p>	<p>Individual responder hazard and threat assessments.</p>	<p>All Cat 1 responders collectively in consultation with Cat 2 responders.</p>
Risk Analysis	<p>Lead assessors consider likelihood of hazards in next 5 years.</p> <p>Lead assessors carry out impact assessment on hazards and threats.</p> <p>Generate risk statements with likelihood and overall risk assessment.</p>	<p>Risk Assessment Guidance.</p> <p>Research, discussion and analysis between key partners.</p> <p>Individual organisations bring likelihood assessments back to Strategic Co-ordinating Group.</p>	<p>Cat 1 responders.</p> <p>UK and/or Scottish national and local area stakeholders.</p>
Risk Evaluation	<p>Incorporate risks into Strategic Co-ordinating Group risk register.</p> <p>Compare assessed risk to risk criteria.</p> <p>Set risk priorities.</p> <p>Determine acceptability of risk based on level of risk.</p> <p>Identify and evaluate options for treatment (accept/transfer/avoid/reduce/prevention/mitigation).</p>	<p>Risk assessments.</p> <p>Risk evaluation criteria.</p>	<p>All Cat 1 responders collectively.</p>

NAME OF STEP	ACTIONS	INPUTS	AGENCIES INVOLVED
Risk Treatment	<p>Assess the challenges presented by the risks.</p> <p>Identify current capabilities and arrangements.</p> <p>Assess any gaps in response capabilities.</p> <p>Identify additional treatment measures.</p> <p>Prioritise treatment measures on basis of risks and gaps.</p> <p>Identify person or organisation to be responsible for implementing measure.</p> <p>Complete the CRR.</p> <p>Establish risk treatment programme.</p>	<p>Discussion and analysis between key partners.</p>	<p>All Cat 1 responders collectively.</p>
Monitoring and Reviewing	<p>Monitor risk treatment programme.</p> <p>Formal review of all risks on 4 year cycle.</p> <p><i>Ad hoc</i> review as and when new information or updated guidance suggests the need.</p>	<p>Reports on progress.</p> <p>Ongoing review of changes to context and hazards within responding organisations.</p> <p>Ongoing and regular reviews of risks by Strategic Co-ordinating Group between responders.</p>	<p>All Cat 1 responders individually and collectively.</p>
Publishing Risk Assessments	<p>Publish appropriate parts of the Community Risk Register.</p> <p>Publish individual assessments.</p> <p>Publish plans containing assessments.</p>	<p>Agreement to publication of CRR by SCG.</p> <p>Consider sensitivity of all information.</p>	<p>All Category 1 responders.</p>

Hazard Descriptions

		PAGE NUMBER
Industrial Accidents & Environmental Pollution		
H1	Fire or explosion at LPG Depot	12, 14, 15, 17
H3	Fire or explosion at Oil Refinery	12, 15
HL1	Fire or explosion at a gas terminal	12, 15, 17
H4	Fire or explosion at a fuel depot	12, 14, 15, 17
H5	Fire or explosion at an onshore fuel pipeline	12, 14, 17
H6	Fire or explosion on oil platform	17
H7	Fire or explosion at a natural gas pipeline	12
H8	Toxic chemical release	15
HL3	Industrial accident involving toxic release	12, 15
H10	Radioactive substance release from a nuclear reactor accident	12
H14	Major contamination incident, widespread implications for the food chain	12
H15	Maritime pollution	18
HL4	Major pollution of controlled waters	20
HL5	Major land contamination incident	20
HL6	Major air quality incident	20
HL7	Industrial explosions and major fires	12, 17
Transport Hazards		
HL8	Rapid accidental sinking of passenger vessel	20
H16	Aviation accident over major conurbation	12, 17
H42	Sinking of passenger or cargo vessel	19
HL9	Aviation accident	13, 14, 15, 17
HL10	Local accident on motorways and major trunk roads	13
HL11	Railway accident	13
HL12	Local accident involving transport of hazardous chemicals	13
HL13	Maritime accident or deliberate blockade of access to key port, estuary, maritime route	20
HL14	Local accident involving transport of fuel / explosives	13, 16, 17
SH1	Local accident on single track lifeline route	16

Severe Weather

PAGE NUMBER

H17	Storms and Gales	18
H18	Low temperatures and heavy snow	18
HL15	Heat wave	20
H19	Flooding – Major coastal / tidal	18
H21	Flooding – Major fluvial	18
HL16	Flooding – Major local coastal / tidal	13, 14, 17
HL17	Flooding – Localised coastal / tidal	13, 14, 17
HL18	Flooding – Major local fluvial	13
HL19	Flooding – Local fluvial	13
HL20	Flooding – Local flash fluvial	13

Structural Hazards

HL21	Land movement (tremors / landslides)	20
HL22	Building collapse	13
HL23	Bridge collapse	13
H44	Major reservoir dam failure	12

Human Health

H22	Influenza type disease (epidemic)	18
H23	Influenza type disease (pandemic)	18
H24	SARS type disease	18
HL24	Legionella / meningitis outbreak	21

Animal Health

H25	Non-zoonotic notifiable animal disease	19
H26	Zoonotic notifiable animal disease	19

Public Protest

H28	Large Scale Public Protest	19
H29	Targeted disruptive protest	17, 19

Industrial Technical Failure

H39	Failure of water supply	19
H40	No notice failure of a public telephony provider	19
H41	Failure of electricity network (UK)	19
H43	Failure of telecommunication infrastructure	19
H45	Failure of electricity network (Scotland)	19

COMMUNITY RISK REGISTER FOR HIGHLAND											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H1	Explosion and/or Fire	LPG Depot	Possible	Moderate	High		Generic Plan		3	H&IFRS	
H3	Explosion and/or Fire	Oil Refinery	Unlikely	Significant	Very High		COMAH Plan Regular Exercises		4	As HI	
H4	Explosion and/or Fire	Fuel Depot	Possible	Significant	Very High		Generic Plan		4	As HI	
H5	Explosion and/or Fire	On-shore Fuel Pipeline	Possible	Moderate	High		Generic Plan		3	MoD	
H7	Explosion and/or Fire	Natural Gas Pipeline	Unlikely	Moderate	High		Generic Plan		3	As HI	
H10	Radioactive Substance Release	Nuclear Site	Unlikely	Significant	Very High		REPPiR Plan Regular Exercises		4	NII	
H14	Major Contamination Incident	Nuclear Site	Unlikely	Significant	Very High		REPPiR Plan Regular Exercises		4	NII	
H16	Aviation Accident	Major Conurbation	Negligible	Catastrophic	Medium		Generic Plan		2	CAA	
H44	Accident	Dam Failure	Negligible	Significant	Medium		Generic Plan		2	S&SE	
HL1	Explosion and/or Fire	Gas Terminal	Possible	Moderate	High		Generic Plan		3	As HI	
HL3	Industrial Accident	Toxic Release	Unlikely	Moderate	High		Generic Plan		3	HB	
HL7	Industrial Explosion and/or Fire	Whisky Distilleries	Unlikely	Moderate	High		Generic Plan COMAH Plan for 1 Site		3/4	As HI	

COMMUNITY RISK REGISTER FOR HIGHLAND											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
HL9	Aviation Accident	Airports	Unlikely	Significant	Very High		Specific Plan Regular Exercises		4	HAL	
HL10	Accident	Major Trunk Road	Possible	Moderate	High		Generic Plan		3	SE	
HL11	Accident	Railway	Possible	Moderate	High		Generic Plan		3	Network Rail	
HL12	Accident	Transport of Hazardous Chemicals	Possible	Moderate	High		Generic Plan		3	Police	
HL14	Accident	Transport of Fuel / Explosives	Unlikely	Moderate	Medium		Generic Plan		2	Police	
HL16	Flooding	Major Local Coastal/Tidal	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL17	Flooding	Localised Coastal/Tidal	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL18	Flooding	Major Local Fluvial	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL19	Flooding	Local Fluvial	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL20	Flooding	Local Flash Fluvial	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL22	Accident	Building Collapse	Rare	Significant	High		Generic Plan		3	LA	
HL23	Accident	Bridge Collapse	Rare	Significant	High		Generic Plan		3	LA	

COMMUNITY RISK REGISTER FOR ORKNEY ISLANDS											
DATE OF REVISION: 26 April 2006							NEXT REVIEW DATE: 26 April 2007				

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H1	Explosion and/or Fire	LPG Depot	Negligible	Significant	Medium		COMAH Plan		2	H&IFRS	
H3	Explosion and/or Fire	Oil Terminal	Unlikely	Significant	High		COMAH On-Site Plan COMAH Off-site Plan Generic Plan Regular Exercises		3	H&IFRS	
H4	Explosion and/or Fire	Fuel Depot	Negligible	Significant	High		Generic Plan		3	H&IFRS	
H5	Explosion and/or Fire	On-Shore Pipeline	Unlikely	Significant	Medium		Specific Plan		1	H&IFRS	
HL9	Aviation Accident	Airports	Unlikely	Significant	Medium		Generic Plan Site Specific Plan Exercise		3	HIAL LA	
HL16	Major Coastal Flooding	High Tides/Sea Surge/High Winds	Possible	Significant	Medium		Generic Plan		4	SEPA	
HL17	Localised Flooding	High Tides/Sea Surge/High Winds	Possible	Significant	Medium		Generic Plan		4	SEPA	

COMMUNITY RISK REGISTER FOR: SHETLAND											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H1	Explosion and/or Fire	LPG Storage Facility, Sullom Voe Terminal	Unlikely	Significant	Medium		COMAH On-Site Plan COMAH Off-Site Plan Council Generic Plan		2	H&IFRS	
H3	Explosion and/or Fire	Oil Refinery / Process Plant Sullom Voe Terminal	Unlikely	Significant	High		COMAH On-Site Plan COMAH Off-Site Plan Council Generic Plan		3	H&IFRS	
H4	Explosion and/or Fire	Fuel Depot (Low Tier) North Ness	Rare	Significant	High		Depot Safety Plan COMAH Off-site Plan Council Generic Plan		3	H&IFRS	
H8	Toxic Chemical Release	H₂S Sullom Voe Terminal	Rare	Moderate	Medium		COMAH On-Site Plan COMAH Off-Site Plan Council Generic Plan		1	Health	
HL1	Explosion and/or Fire at a terminal involving a gas pipeline	Magnus Enhanced Oil Recovery (MEOR) Pipeline	Negligible	Significant	Medium		COMAH On-Site Plan COMAH Off-Site Plan Council Generic Plan		2	H&IFRS	
HL3	Industrial Accident	Toxic Release Sullom Voe Terminal	Unlikely	Moderate	Medium		COMAH On-Site Plan COMAH Off-Site Plan Council Generic Plan		2	Health	
HL9	Aviation Accident	Airports	Rare	Significant	Medium		Site Specific Plan Multi-agency Response Plan Council Generic Plan Regular Exercises		3	HIAL LA	

COMMUNITY RISK REGISTER FOR: SHETLAND											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
SH1	Accident	Single Track Lifeline Route	Possible	Significant	High		Health Board and Council Generic Plans		2	Police LA	
HL14	Accident	Transport of Fuel / Explosives	Negligible	Significant	Medium		Council Generic Plan		2	Police	

COMMUNITY RISK REGISTER: WESTERN ISLES											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H1	Explosion and/or Fire	LPG Depot	Negligible	Catastrophic	Medium		Specific Plan			H&IFRS	
H4	Explosion and/or Fire	Fuel Depot	Negligible	Significant	Medium		Generic Plan			H&IFRS	
H5	Explosion and/or Fire	On-shore Fuel Pipeline	Negligible	Significant	Medium		Generic Plan			H&IFRS	
H6	Explosion and/or Fire	Oil Platform	Negligible	Moderate	Medium		Generic Plan			Grampian Police	
H16	Major Aviation Incident	North America Flight Path/Military	Negligible	Catastrophic	Medium		Generic Plan			Police	
H29	Disruptive Protest	Fuel	Possible	Moderate	High		Generic Plan			Police	
HL1	Explosion and/or Fire	LPG/Gas Pipeline	Negligible	Significant	Medium		COMAH Plan			H&IFRS	
HL7	Industrial Explosion	Fuel Depots Explosive stores	Rare	Moderate	Medium		Generic Plan			H&IFRS	
HL9	Aviation Incident	Island Airports	Negligible	Significant	Medium		Specific Plan			HAL	
HL14	Transport Accident Fuel Explosives	Fuel Tankers/LGV Explosives	Unlikely	Minor	Medium		Generic Plan			Police	
HL16	Major Coastal flooding	High Tides/Sea Surge/High Winds	Possible	Minor	Medium		Generic Plan			SEPA	
HL17	Localised Flooding	High Tides/Sea Surge/High Winds	Possible	Minor	Medium		Generic Plan			SEPA	

COMMUNITY RISK REGISTER FOR COMMON RISKS IN HIGHLANDS & ISLANDS											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H15	Maritime Pollution	Oil Spill	Possible	Significant	Very High		Specific Plan Regular Exercises		4	MCA	
H17	Weather	Storms and Gales	Probable	Significant	Very High		Generic Plan		4	Met Office	
H17	Storms/Gales/ Low Temps/ Heavy Snow	Loss of Power to Local Customers for up to 7 days	Possible	Significant	Very High		Emergency Plan Mutual Aid Agreements in Place		4	SSE	
H18	Weather	Low Temperatures and Heavy Snow	Probable	Significant	Very High		Generic Plan		4	Met Office	
H19	Flooding	Major Coastal/ Tidal	Possible	Significant	Very High		Generic Plan		4	SEPA	
H20	Human Disease	Flu Pandemic	Probable	Significant	Very High		Generic Plan		4	HB	
H21	Flooding	Major Fluvial	Unlikely	Significant	Very High		Generic Plan		4	SEPA	
H22	Human Disease	Flu Epidemic	Probable	Significant	Very High				4	HB	
H23	Human Disease	Flu Pandemic	Probable	Significant	Very High		Specific Plan		5	HB	
H24	Human Disease	SARS Pandemic	Probable	Significant	Very High		Specific Plan		5	HB	

COMMUNITY RISK REGISTER FOR COMMON RISKS IN HIGHLANDS & ISLANDS											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
H25	Animal Disease	eg Foot and Mouth	Negligible	Moderate	Medium		Specific Plan		2	SEERAD SVS	
H26	Animal Disease	eg Avian Flu	Probable	Significant	Very High		Specific Plan		4	SVS	
H28	Large Scale Public Protest	Fuel Shortages	Possible	Moderate	High		Generic Plan		3	Police	
H29	Disruptive Protest	Wind Farms	Possible	Minor	Medium		Generic Plan		2	Police	
H39	Accident / Technical Failure	Major Loss of Water Supply	Possible	Significant	Very High		Generic Plan		3	SW	
H40	Technical Failure	Loss of telephony up to 5 hours	Possible	Significant	Very High	Blackstart Plans agreed with DTI		Review and Test with E3C	4	BT	
H41	Technical Failure of Network	Total Loss of UK Electricity Supply	Unlikely	Significant	Very High		Emergency Plan agreed with E3C		5	Energy Emergency Executive (E3)	
H42	Transport Accident	Sinking of Passenger or Cargo Vessel	Unlikely	Moderate	High		Generic Plan		1	MCA	
H43	Telecomms Infrastructure Failure	Loss of Telephony up to 5 days	Unlikely	Significant	Very High				4	BT	
H45	Multiple Plant Failure	Total Loss of Scotland's Electricity Supply	Unlikely	Significant	Very High		Staff on Standby 24/7 Strategic Spares kept locally and nationally		5	SSE	

COMMUNITY RISK REGISTER FOR COMMON RISKS IN HIGHLANDS & ISLANDS											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
HL4	Pollution of Controlled Waters	Chemical Spillage/Untreated Sewerage Release	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL5	Land Contamination	Chemical Spillage/Oil Pollution	Possible	Significant	Very High		Specific Plan		4	SEPA	
HL6	Air Contamination	Release from Industrial Facility or Landfill Site	Possible	Significant	Very High		Generic Plan		4	SEPA	
HL8	Transport Accident	Rapid Accidental Sinking of a passenger vessel in, or close to UK waters	Unlikely	Moderate	High		Generic Plan		3	MCA	
HL 13	Marine Accident	Blockage of Port/Harbour	Unlikely	Significant	Very High		Generic Plan		4	MCA	
HL15	Weather	Heatwave	Unlikely	Moderate	High		Generic Plan		3	Met Office	
	Weather	Severe Drought	Unlikely	Significant	Very High		Generic Plan		4	Met Office	
HL21	Geological Accident	Land Movement (Tremors and Landslide)	Possible	Moderate	High		Generic Plan		3		

COMMUNITY RISK REGISTER FOR COMMON RISKS IN HIGHLANDS & ISLANDS											
DATE OF REVISION: 26 April 2006						NEXT REVIEW DATE: 26 April 2007					

Risk Ref and Hazard or Threat Category	Hazard or Threat Sub-Category	Hazard or Threat Description	Likelihood	Impact	Risk Rating	Capability Required	Controls in Place	Additional Risk Treatment Required	Risk Priority	Lead Agency for Assessment	Review Date
HL24	Human Disease	Legionella/ Meningitis outbreak	Possible	Moderate	High		Generic Plan		3	HB LA	

Civil Contingencies Act 2004

Schedule 1 Part 2.

CATEGORY 1 RESPONDERS: SCOTLAND

Local Authorities

13 A council constituted under section 2 of the Local Government etc. (Scotland) Act 1994 (c.39).

Emergency services

14 A Chief Constable of a police force maintained under the Police (Scotland) Act 1967 (c.77).

15 (1) A Fire Authority.

(2) In sub-paragraph (1) "Fire Authority" means –

(a) a council constituted under section 2 of the Local Government etc. (Scotland) Act 1994; or

(b) a joint board constituted under an administration scheme made by virtue of the Local Government (Scotland) Act 1973 (c.65) or section 36 of the Fire Services Act 1947 (c. 41).

16 *The Scottish Ambulance Service Board*

17 *The Maritime & Coastguard Agency*

Health

18 A Health Board constituted under section 2 of the National Health Service (Scotland) Act 1978 (c.29).

Miscellaneous

19 The Scottish Environment Protection Agency.

CATEGORY 2 RESPONDERS: SCOTLAND

Utilities

- 30 (1) A person holding a licence of a kind specified in sub-paragraph (2) and granted under the Electricity Act 1989 (c.29), in so far as the activity under the licence is undertaken in Scotland.
- (2) Those licences are –
- (a) a transmission licence,
 - (b) a distribution licence, and
 - (c) an interconnector licence.
- (3) Expressions used in this paragraph and in the Electricity Act 1989 shall have the same meaning in this paragraph as in that Act.
- 31 (1) A person holding a licence of a kind specified in sub-paragraph (2), in so far as the activity under the licence is undertaken in Scotland.
- (2) Those licences are –
- (a) a licence under section 7 of the Gas Act 1986 (c.44), and
 - (b) a licence under section 7ZA of that Act.
32. Scottish Water, established by section 20 of, and Schedule 3 to, the Water Industry (Scotland) Act 2002 (asp 3).
- 33 (1) A person who provides a public electronic communications network which makes telephone services available (whether for spoken communication or for the transmission of data) in so far as the services are made available in Scotland.
- (2) In sub-paragraph (1) –
- (a) the reference to provision of a network shall be construed in accordance with section 32(4)(a) and (b) of the Communications Act 2003 (c.21), and
 - (b) “public electronic communications network” shall have the meaning given by sections 32(1) and 151(1) of that Act.

Transport

- 34 A person who holds a licence to operate railway assets under section 8 of the Railways Act 1993 (c. 43) in so far as such operation takes place in Scotland.
- 35 A person who provides services in connection with railways –
 - (a) without holding a licence under section 8 of that Act, but
 - (b) in reliance on Council Directive 95/18/EC on the licensing of railway undertakings, in so far as such services are provided in Scotland.
- 36 An airport operator within the meaning of section 82(1) of the Airports Act 1986 (c. 31) in so far as has responsibility for the management of an airport in Scotland.
- 37 A harbour authority, within the meaning of section 46(1) of the Aviation and Maritime Security Act 1990 (c. 31) in so far as it has functions in relation to improving, maintaining and managing a harbour in Scotland.

Health

- 38 The Common Services Agency established by section 10 of the National health Service (Scotland) Act 1978 (c. 29).