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26 Sep 22

EXERCISE JOINT WARRIOR 222 TRAINING ACTIVITY

1. Exercise Joint Warrior 22-2 (JW 22-2) will take place between 01 and 12 Oct 22. The Exercise will be delivered by the Joint Training and Exercise Planning Staff (JTEPS) from RAF St Mawgan in Cornwall. The Exercise contains a series of serials and events that will be conducted around the United Kingdom by land forces, warships, submarines and aircraft. This booklet provides outline information on scheduled activity including details of intended gunnery and aircraft bombing activity at Cape Wrath.

2. This information is correct at the time of print but the routine **SUBFACTS** and **GUNFACTS** broadcasts, made during the Exercise, will provide updated information.

3. The information provided in this booklet will also be published in Fleet Ops Notice to Fishermen, Defence Training Estate Scotland Notice to Fishermen, Cape Wrath Range Notices and Notices to Airmen. This document can also be accessed via the internet at:

<https://www.royalnavy.mod.uk/qhm/clyde/joint-warrior>

4. This booklet contains information on the following JW activity:

- a. Submarine Activity.
- b. VHF Challenges.
- c. Small Boat Activity.
- d. Mine Warfare activity.
- e. Live Firing and Gunnery Activity.
- f. Unexploded Ordnance Advice.
- g. Contact Details.

5. Warships taking part have been instructed to offer fishing vessels and the wider civilian community every assistance in their dealings with exercise activity. You are invited to contact them via VHF to ensure that military training and civilian activities are safely de-conflicted.

6. JW 22-2 will involve many aircraft. There have been instances during previous exercises where aircraft operating at low level over the sea have been illuminated by powerful searchlights from fishing vessels. Mariners are reminded that the deliberate and malicious targeting of airborne aircraft has the potential to impact upon aircraft safety and could lead to civil prosecution. Flight crew will report all illuminations to the coastguard and Civil Aviation Authority for further action to be taken against any spotlighting incidents.

7. Throughout JW 22-2 the following points of contact are available on a 24/7 basis to address any immediate problems or questions:

- a. Primary Exercise Duty Controller 07970 200093
- b. Secondary Duty Submarine Controller 01923 956366
- c. HM Coastguard sites can also contact the Joint Warrior staff directly and will relay information if necessary.

8. If you have any queries, problems, or suggestions as to how JTEPS can improve this booklet, please do not hesitate to contact the Joint Training and Exercise Planning Staff at the above address.

<<Signed on Original>>

A P KOHLER
Commander Royal Navy
JTEPS PLANS SO1 MAR

Submarine Activity

1. The Submarine Activity Grid on the following page shows the forecast areas and time periods of submarine activity associated with JW 22-2. Please note that other submarines that are not part of the Exercise may transit areas around the United Kingdom and their activity is not covered in this brief. The daily SUBFACTS broadcast by the Coastguard will provide notification of the actual areas where exercise and transiting submarine activity is taking place. During JW 22-2, to keep the SUBFACTS broadcast short, multiple exercise areas are grouped together. The groupings are shown in the chartlet and planned activity in the table of this section.

2. Communications can be established with submarines during JW 22-2 when they are surfaced or at periscope depth on VHF Ch 16 (working Ch 73). If they are operating with warships, one of the warships will have been detailed to act as the Fishing Vessel Safety Ship (FVSS) in accordance with the Code of Practice. The FVSS has 2 overarching duties:

- a. To make fishing vessels aware of submarine activity in their vicinity and to provide information and advice to minimise the risk of interaction.
- b. To aid the participating submarine in compiling a comprehensive surface picture to minimise the risk of interaction with non-exercise vessels.

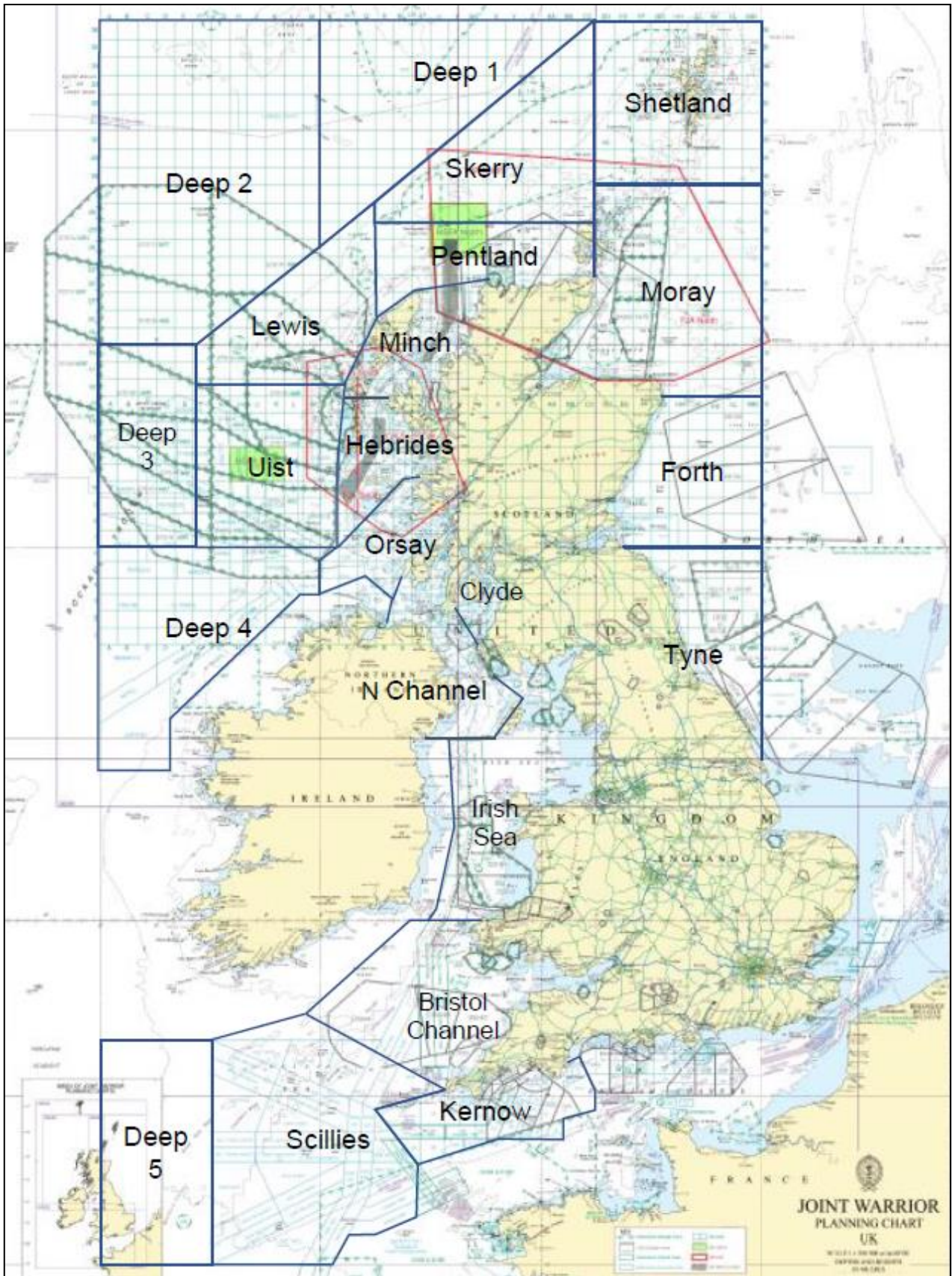
3. It is usually easier to establish communications with the FVSS than with a submarine. However, any warship in the vicinity may be contacted and asked for a report on any exercises involving submarines which are being conducted in the local area. Alternatively, the ship may be used to relay messages or instructions to the submarine if required. All warships, including the FVSS, can be contacted on VHF Channel 16 (working Channel 73).

4. If any difficulty is experienced a call should be made to the Duty Submarine Controller at CTF 311 Ops Room on the "**Fisherman's Hotline**" number: **01923 956366**. This line is permanently manned.

EXERCISE Joint Warrior 22-2 SUBFACTS AREAS ACTIVATION GRID PART 1

All times BST	01 Oct		02 Oct		03 Oct		04 Oct		05 Oct		06 Oct		07 Oct		08 Oct		09 Oct		10 Oct		11 Oct		12 Oct		13 Oct		14 Oct	
	Sat		Sun		Mon		Tue		Wed		Thu		Fri		Sat		Sun		Mon		Tue		Wed		Thu		Fri	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Deep 1	x	x																			x	x	x	x				
Deep 2					x	x	x	X	X	X																		
Deep 3					x	x	x	X	x	X																		
Deep 4									x	x																		
Uist					x	x	X	x	X	x																		
Lewis					x	x	x	X	x	X																		
Skerry	x	x																			x	x	x	x				
Shetland	x	X																					x	x				
Moray																							x	x				
Forth																												
Tyne																												
Pentland	x	x																						x	x			
Minch	x	x	X	X	x	x	X	x	X	X									x	x	x	x	x	x				
Hebrides			x	x	x	x	x	x	x	X									x	x	x	x						
Orsay									x	x	X	X	x	x	x	x			x	x								
N Channel											X	x	x	x	x	x	X	x	x	x								
Clyde														x	x													
Irish Sea																												
B Channel																												
Kernow																			x	x	x	x	x	x				
Scillies														x	x	X	x	x	x	x	x	x	x	x	x	x	x	
Deep 5														x	x										x	x	x	x

The planned activity in the Joint Warrior SUBFACTS AREAS is indicated by the letter **X** in the grid above. There may be changes to this planned activity. Daily SUBFACTS Broadcasts will contain the most up to date information.



Joint Warrior 22-2 SUBFACTS Areas

VHF Challenges

5. Considering ever-changing threats to our Armed Forces, military ships maintain a detailed plot of maritime activity in their vicinity, which includes establishing the identity of small fishing vessels. This can be achieved visually from helicopters or by challenges on IMM VHF radio by ships. Mariners are advised that warships from various Allied nations will be conducting such reconnaissance and challenges. Areas likely to be affected are as follows:

- | | | |
|----|------------------------------------|-----------------|
| a. | North West Approaches and Minch | 01 to 08 Oct 22 |
| b. | South West Approaches and Scilly | 08 to 12 Oct 22 |
| c. | Pentland Firth | 04 to 07 Oct 22 |
| d. | UK East Coast | 06 to 09 Oct 22 |
| e. | Orsay Gap, North Channel and Clyde | 06 to 09 Oct 22 |
| f. | UK South Coast | 09 to 12 Oct 22 |

6. Mariners' co-operation during this time would be much appreciated. A small number of contracted civilian vessels including high speed craft will be operating in the vicinity of Lyme Bay in support of this training task. Every effort will be made to avoid interference to fishing vessels.

7. Task units will conduct a direct transit of the Dover Strait using IMO approved Traffic Separation Schemes and will suspend exercise activity during this period.

Small Boat Activity

8. From 09 to 11 Oct many fast small boats (both contracted civilian and military) will operate in Lyme Bay. This activity will remain clear of the main shipping and ferry routes.

Amphibious Operations

9. No amphibious operations are planned during Joint Warrior 22-2.

MCM Activity

10. Mine Counter Measures Vessels will be operating in Lyme Bay and may lay dummy mines known as shapes, these will be located by autonomous submersible vehicles and recovered by either divers or the ships.

Live Firing and Gunnery

11. During Joint Warrior 22-2, Cape Wrath Range, including Garvie Island (An Garbh-eilean) will be active with various combinations of air bombardment, naval gunfire support and helicopter operations. In addition, a Joint Warrior Firing and Danger Area will be activated for offshore gunnery. The GUNFACTS and Joint Warrior Offshore Firing Areas Activation Grid on the following page shows the areas and time periods where gunnery associated with Joint Warrior is forecast to take place. The daily GUNFACTS Broadcast by

the Coastguard and Cape Wrath Range will provide the latest information of the areas where gunnery activity is taking place.

12. It is mandatory that vessels in the vicinity of the Cape Wrath Range keep a listening watch on VHF Channel 16. Further information regarding firing at can be obtained by telephoning:

Cape Wrath Information Line on

FREEPHONE 0800 833300

or **01862 892185**

13. For planning purposes the forecast activity is contained in the table at page 9.

14. Further information is available from MOD Hebrides Range by contacting:

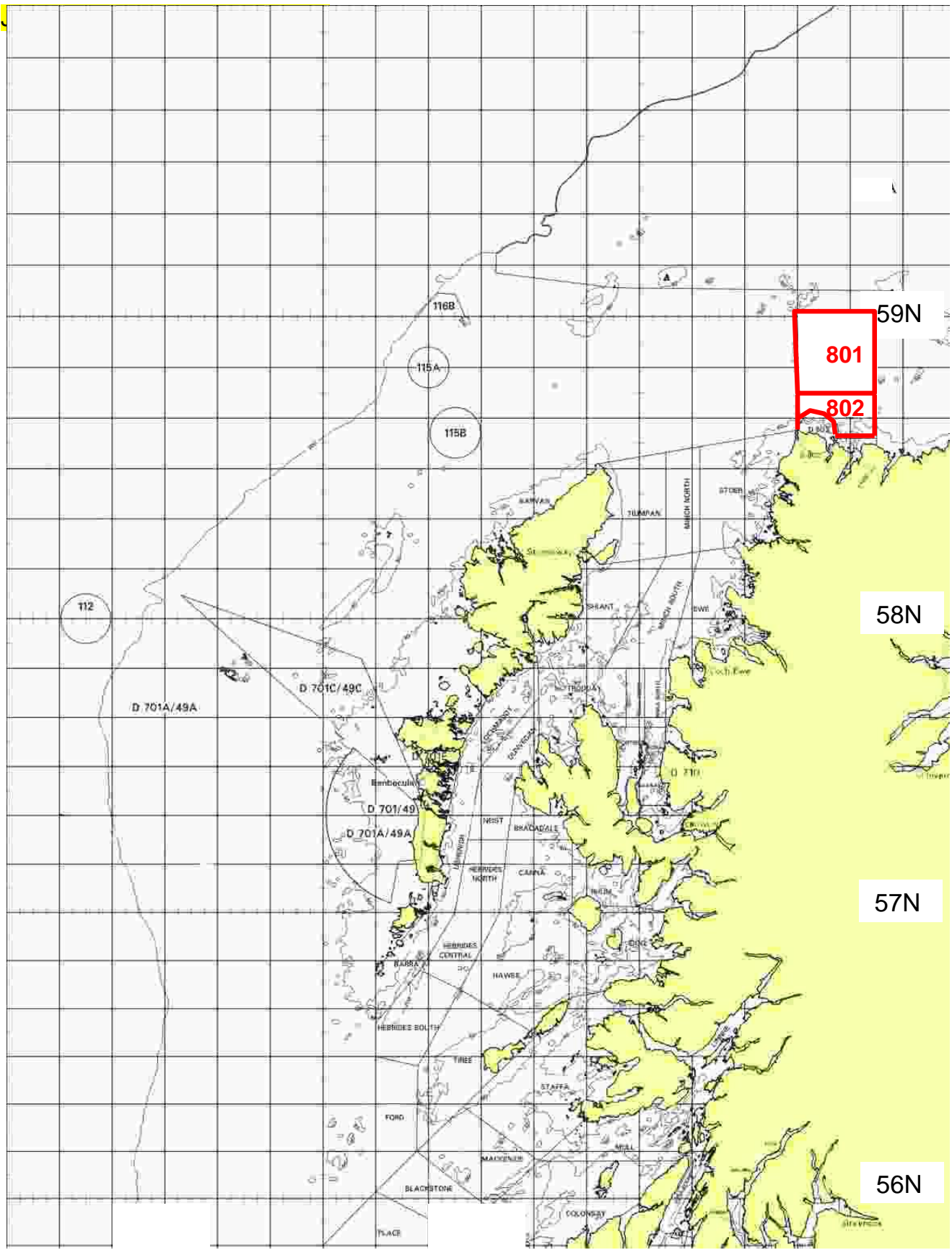
MOD Hebrides on

FREEPHONE 0800 0561630

or email to **modhebrides@qinetiq.com**

15. On the South Coast of the UK firing will take place at Lulworth Range on Monday 11 Oct 22. It is expected that this will take place from 0800-1600.

JOINT WARRIOR FIRING AND DANGER AREAS NW SCOTLAND



NW SCOTLAND FORECAST GUNFACTS AND OFFSHORE FIRING AREAS ACTIVATION GRID, ALL TIMES IN LOCAL (BST)

	03 Oct	04 Oct	05 Oct	06 Oct	07 Oct
	SUN	MON	TUE	WED	THU
Cape Wrath Range (Ashore)		0800-2359	0001-2359	0001-2359	<i>Non JW Activity</i>
Cape Wrath D801		0900-2200	0900-2200	0900-2200	
Cape Wrath D802		0900-2200	0900-2200	0900-2200	
Garvie Island D803					

The planned times of firings at Cape Wrath Range, Joint Warrior 22-2 Firing Areas and Hebrides Range are indicated in the grid above. There may be changes to this planned activity. Daily GUNFACTS Broadcasts and Cape Wrath and Hebrides Range Broadcasts will contain the most up to date information regarding the activation of the areas. Times are Local.

Unexploded Ordnance

16. The following general advice is offered to anyone discovering anything believed to be unexploded ordnance:

DIVERS	DO NOT TOUCH
FISHERMEN	Contact the coastguard. If this is not possible, lay the item in about 60ft of water, away from shipping routes and mark the position with a float.
EVERYONE	DO NOT TOUCH – dial 999 for coastguard or Police.

Exercise Contact Numbers

Unexploded Ordnance (FLEET DUTY CONTROLLER)	01923 956367
Fisherman Hotline FLEET DUTY CONTROLLER	01923 956366
Joint Warrior Battlewatch Captain	07970200093
Cape Wrath Information Line	0800 833300