Fisheries in European Sites Likely Significant Effect audit for Amber and Green risk categories

	NWIFCA-RA-SPA-001			
Date completed: 03/06/2015				
Cor	mpleted by: S. Temple & A. Leadbeater			
European Designated Sites:	e and Alt Estuaries UK9005103 Ribble and Alt Estuaries Special Protection Area (SPA)			
	UK11057 Ribble and Alt Estuaries Ramsar Sefton Coast SAC Ribble and Alt Estuaries			
Qualifying Feature(s):				
A038 Cygnus cygnus; Whooper A040 Anser brachyrhynchus; Pir A048 Tadorna tadorna; Commor A050 Anas penelope; Eurasian v A052 Anas crecca; Eurasian tea A054 Anas acuta; Northern pinta A130 Haematopus ostralegus; E A137 Charadrius hiaticula; Ringe A140 Pluvialis apricaria; Europea A141 Pluvialis squatarola; Grey A143 Calidris canutus; Red knot A144 Calidris alba; Sanderling (N A149 Calidris alpina alpina; Dun A151 Philomachus pugnax; Ruff	hk-footed goose (Non-breeding) h shelduck (Non-breeding) wigeon (Non-breeding) l (Non-breeding) au (Non-breeding) curasian oystercatcher (Non-breeding) ed plover (Non-breeding) an golden plover (Non-breeding) plover (Non-breeding) (Non-breeding) Non-breeding) lin (Non-breeding) ed godwit (Non-breeding) ed godwit (Non-breeding) ed shank (Non-breeding) edshank (Non-breeding) term (Breeding)			
Natterjack toad (NON MARINE)				
marram H2130. Fixed dunes with herbac H2150. Atlantic decalcified fixed	shoreline with <i>Ammophila arenaria</i> ("white dunes"); Shifting dunes with eous vegetation ("grey dunes"); Dune grassland* dunes (<i>Calluno-Ulicetea</i>); Coastal dune heathland* ssp. <i>argentea</i> (<i>Salicion arenariae</i>); Dunes with creeping willow crested newt			

Site sub-feature(s):

SPA and Ramsar

Supporting Habitat:

- intertidal rock
- intertidal sand and muddy sand
- intertidal mud
- intertidal mixed sediment
- coastal saltmarshes and saline reedbeds (Saltmarsh)
- freshwater and coastal grazing marsh (Saltmarsh)
- coastal sand dunes (Sand dunes)
- water column

Great crested newt and Natterjack toad Supporting Habitat: Coastal sand dunes

Generic sub-feature(s):

Estuarine birds, Surface feeding birds, Benthic feeding seabirds, Intertidal mud and sand, Saltmarsh spp.

High Level Conservation Objectives:

With regard to the SPA and the individual species and/or assemblage of species for which the site has been classified and the Ramsar Site and the wetland habitats and/or species for which the site has been listed (the 'Qualifying Features' listed above), and subject to natural change;

Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the aims of the Wild Birds Directive and ensure that the site contributes to achieving the wise use of wetlands across the UK, by maintaining or restoring:

- □ The extent and distribution of the habitats of the qualifying features
- □ The structure and function of the habitats of the qualifying features
- □ The supporting processes on which the habitats of the qualifying features rely
- $\hfill\square$ The population of each of the qualifying features, and,
- □ The distribution of the qualifying features within the site.

Sefton Coast SAC

With regard to the SAC and the natural habitats and/or species for which the site has been designated (the 'Qualifying Features' listed below), and subject to natural change;

Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;

- □ The extent and distribution of qualifying natural habitats and habitats of qualifying species
- □ The structure and function (including typical species) of qualifying natural habitats
- □ The structure and function of the habitats of qualifying species
- □ The supporting processes on which qualifying natural habitats and the habitats of qualifying species rely
- $\hfill\square$ The populations of qualifying species, and,
- $\hfill\square$ The distribution of qualifying species within the site.

Fishing activities assessed:

Gear type(s):	
Geal type(s).	
Towed (demersal)-	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine,
Towed (pelagic)-	Mid-water trawl (single), Mid-water trawl (pair), Industrial trawls,
Dredges (towed)-	Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop),
Dredges (other)- Static (pots/traps)-	Dredge (suction), Dredge (tractor), Cuttle pots,
	Fish traps,
Lines-	Longlines (pelagic),
Seine nets and other-	Purse seine, Fyke nets,
Miscellaneous-	Commercial diving, Bait dragging.

1. Introduction

1.1 Need for a Likely Significant Effect assessment

In 2012, the Department for Environment, Food and Rural Affairs (Defra) announced a revised approach to the management of commercial fisheries in European Marine Sites (EMS). The objective of this revised approach is to ensure that all existing and potential commercial fishing activities are managed in accordance with Article 6 of the Habitats Directive.

This approach is being implemented using an evidence based, risk-prioritised, and phased basis. Risk prioritisation is informed by using a matrix of the generic sensitivity of the sub-features of EMS to a suite of fishing activities as a decision making tool. These sub-feature-activity combinations have been categorised according to specific definitions, as red, amber, green or blue.

Activity/feature interactions identified within the matrix as red risk have the highest priority for implementation of management measures by the end of 2013 in order to avoid the deterioration of Annex I features in line with obligations under Article 6(2) of the Habitats Directive.

Activity/feature interactions identified within the matrix as amber risk require a site-level assessment to determine whether management of an activity is required to conserve site features. Activity/feature interactions identified within the matrix as green also require a site level assessment if there are potential "in combination effects" with other plans or projects.

Some European Sites within the NWIFCA District consist of features that are not fully marine (eg. sand dunes) and therefore fall outwith of the EMS Review process. They have not been included in the original risk matrix. Due to the nature of some of the fisheries in the District, particularly intertidal fisheries, the NWIFCA has adopted the approach of carrying out full HRA on all the features (including non-marine) within European Sites to ensure that any potential risk from fishing activity has been identified and assessed.

Site level assessments are being carried out in a manner that is consistent with the provisions of Article 6(3) of the Habitats Directive, that is to determine that fishing activities are not having an adverse effect on the integrity of the site, to inform a judgement on whether or not appropriate steps are required to avoid the deterioration of natural habitats and the habitats of species as well as disturbances of the species for which the areas have been designated, in so far as such disturbance could be significant in relation to the objectives of this directive.

Fishing activity / feature interactions that have been classified as "Blue" in the Matrix (i.e. no possibility of interaction) are not considered in this assessment.

Fishing activities included in this assessment have not recently occurred in the European Site. Certain fishing activities may have occurred historically in the past, but have since ceased to operate. More details can be found in the relevant "Fishing activity information from local IFCOs" spreadsheet (Jan 2014). As with activities that have never occurred, the NWIFCA continues to monitor fishing activity in the district and will assess any new fishing activity if and when it occurs.

2. Test for Likely Significant Effect (LSE)

Qualifying	Sub-feature	Gear type	Potential for	Justification and evidence
Feature			Likely Significant Effect?	
A037 Cygnus columbianus bewickii; Bewick's swan (Non-breeding)A038 Cygnus cygnus; Whooper swan 	Intertidal rock, intertidal sand and muddy sand, intertidal mud, intertidal mixed sediment, coastal saltmarshes and saline reedbeds – (Saltmarsh), freshwater and coastal grazing marsh (Saltmarsh), coastal sand dunes (Sand dunes), Water column	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (tractor), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.

A144 Calidris				
alba; Sanderling				
(Non-breeding)				
A149 Calidris	1			
alpina alpina;				
Dunlin (Non-				
breeding)				
	4			
A151				
Philomachus				
<i>pugnax</i> ; Ruff				
(Breeding)				
A156 Limosa				
limosa islandica;				
Black-tailed				
godwit (Non-				
breeding)				
	4			
A157 Limosa				
lapponica; Bar-				
tailed godwit				
(Non-breeding)				
A162 Tringa				
totanus;				
Common				
redshank (Non-				
breeding)				
A183 Larus	-			
fuscus; Lesser				
black-backed				
gull (Breeding)				
A193 Sterna				
hirundo;				
Common tern				
(Breeding)				
(= • • • • • • • • • • • • • • • • • • •				
Waterbird	Intertidal rock, intertidal	Beam trawl (pulse/	NO	Activity does not currently
assemblage	sand and muddy sand,	wing), Heavy otter		occur and has not recently
	intertidal mud, intertidal	trawl, Pair trawl,		occurred in European Site
		Anchor seine,		(IFCO local knowledge (S.
	mixed sediment,	Scottish/fly seine,		Brown, Jan 2014)).
	coastal saltmarshes	Mid-water trawl		
	and saline reedbeds -			Apphor pains Sastish /El
		(single), Mid-water		Anchor seine, Scottish/Fly
	(Saltmarsh), freshwater	trawl (pair), industrial		seine prohibited by NWSFC
	and coastal grazing	trawls, Dredge		Byelaw 3.
	marsh (Saltmarsh),	(scallop), Dredge		
	coastal sand dunes	(mussel/clam/oyster),		
		Dredge (pump scoop),		
	(Sand dunes), Water	Dredge (tractor),		
	column	Dredge (suction),		
		Cuttle pots, Fish traps,		
		Samo pois, i isii ilaps,		
		Longlines (pologia)		
		Longlines (pelagic),		
		Purse seine, Fyke nets,		

Seabird assemblage	Intertidal rock, intertidal sand and muddy sand, intertidal mud, intertidal mixed sediment, coastal saltmarshes and saline reedbeds – (Saltmarsh), freshwater and coastal grazing marsh (Saltmarsh), coastal sand dunes (Sand dunes), Water column	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
Breeding waterbird assemblage	Intertidal rock, intertidal sand and muddy sand, intertidal mud, intertidal mixed sediment, coastal saltmarshes and saline reedbeds – (Saltmarsh), freshwater and coastal grazing marsh (Saltmarsh), coastal sand dunes (Sand dunes), Water column	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
Natterjack toad (NON MARINE)	Intertidal rock, intertidal sand and muddy sand, intertidal mud, intertidal mixed sediment, coastal saltmarshes and saline reedbeds – (Saltmarsh), freshwater and coastal grazing marsh (Saltmarsh), coastal sand dunes (Sand dunes), Water column	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.

H2110. Embryonic shifting dunes	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
H2120. Shifting dunes along the shoreline with <i>Ammophila</i> <i>arenaria</i> ("white dunes"); Shifting dunes with marram	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
H2130. Fixed dunes with herbaceous vegetation ("grey dunes"); Dune grassland*	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (tractor), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.

H2150. Atlantic decalcified fixed dunes (<i>Calluno- Ulicetea</i>); Coastal dune heathland*	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
H2170. Dunes with Salix repens ssp. argentea (Salicion arenariae); Dunes with creeping willow	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (pump scoop), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.
H2190. Humid dune slacks	Beam trawl (pulse/ wing), Heavy otter trawl, Pair trawl, Anchor seine, Scottish/fly seine, Mid-water trawl (single), Mid-water trawl (pair), industrial trawls, Dredge (scallop), Dredge (mussel/clam/oyster), Dredge (pump scoop), Dredge (tractor), Dredge (suction), Cuttle pots, Fish traps, Longlines (pelagic), Purse seine, Fyke nets, Commercial diving, Bait dragging.	NO	Activity does not currently occur and has not recently occurred in European Site (IFCO local knowledge (S. Brown, Jan 2014)). Anchor seine, Scottish/Fly seine prohibited by NWSFC Byelaw 3.

S1166. Triturus	Coastal sand dunes	Beam trawl (pulse/	NO	Activity does not currently
cristatus; Great		wing), Heavy otter		occur and has not recently
crested newt		trawl, Pair trawl,		occurred in European Site
		Anchor seine,		(IFCO local knowledge (S.
		Scottish/fly seine,		Brown, Jan 2014)).
		Mid-water trawl		
		(single), Mid-water		Anchor seine, Scottish/Fly
		trawl (pair), industrial		seine prohibited by NWSFC
		trawls, Dredge		Byelaw 3.
		(scallop), Dredge		Dyolati ol
		(mussel/clam/oyster),		
		Dredge (pump scoop),		
		Dredge (tractor),		
		Dredge (suction),		
		Cuttle pots, Fish traps,		
		Longlines (pelagic),		
		Purse seine, Fyke nets,		
		Commercial diving,		
S1395.		Bait dragging.	NO	Activity does not currently
		Beam trawl (pulse/	NO	Activity does not currently
Petalophyllum		wing), Heavy otter		occur and has not recently
ralfsii; Petalwort		trawl, Pair trawl,		occurred in European Site
		Anchor seine,		(IFCO local knowledge (S.
		Scottish/fly seine,		Brown, Jan 2014)).
		Mid-water trawl		
		(single), Mid-water		Anchor seine, Scottish/Fly
		trawl (pair), industrial		seine prohibited by NWSFC
		trawls, Dredge		Byelaw 3.
		(scallop), Dredge		
		(mussel/clam/oyster),		
		Dredge (pump scoop),		
		Dredge (tractor),		
		Dredge (suction),		
		Cuttle pots, Fish traps,		
		Longlines (pelagic),		
		Purse seine, Fyke nets,		
		Commercial diving,		
		Bait dragging.		

3. Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on Ribble and Alt Estuary SPA? NO

4. Additional evidence documents

Steve Brown, NWIFCA (Jan 2014) **Fishing activity information from local IFCOs – Central District**. *Available on request.*

Updated May 2015-Activity information\Up to date IFCO spreadsheets\EMS_FishingActivity_SBrown updated 29.05.15.xlsx

NWIFCA (Jan 2014) **Ribble and Alt Estuary SPA Matrix with activities not occurring blanked out (3rd edit).** *Available on request.* (produced in conjunction with local IFCOs and agreed by Natural England) S:\Science\Fisheries Management\MPA DEFRA\NWIFCA\3rd EDIT UP TO DATE EMS site specific matrices (Jan 15th 2014)\NWIFCA_EMS_SITES_Ribble edited blacked out.xlsx

Natural England European Site Conservation Objectives for Ribble and Alt Estuaries SPA (Published 30th June 2014). <u>Available at: http://publications.naturalengland.org.uk/publication/4868920422957056?</u> category=4582026845880320

Annex 2: Natural England's consultation advice

Date: 01 July 2015 Our ref: 156315 Your ref: Assessment of Fisheries Not Occuring

North Western Inshore Fisheries and Conservation Authority (NWIFCA) Preston Street Carnforth Lancashire LA5 9BY

BY EMAIL ONLY

T 0300 060 3900

Hornbeam House

Electra Way

Crewe

Cheshire CW1 6GJ

Crewe Business Park

Dear Sarah,

Consultation: Formal Advice to North Western IFCA. Light Touch Assessments for North Western District Sites

Natural England is a non-departmental public body. Our statutory purpose is to ensure that the natural environment is conserved, enhanced, and managed for the benefit of present and future generations, thereby contributing to sustainable development.

In 2012, the Department for Environment, Food and Rural Affairs (Defra) announced a revised approach to the management of commercial fisheries in European Marine Sites (EMS)¹. The objective of this revised approach is to ensure that all existing and potential commercial fishing activities are managed in accordance with Article 6 of the Habitats Directive. This document states that for 'amber' risk activities a site level assessment will be required to assess whether management of an activity is required to conserve site features. The Department's strong preference is that site level assessments be carried out in a manner that is consistent with the provisions of Article 6(3) of the Habitats Directive. Appropriate management measures should be put in place to ensure that the fishing activity or activities either 1) have no likely significant effect on a site in view of its conservation objectives or b) following assessment, can be concluded to have no adverse effect on the integrity of the site.

Natural England has considered the 12 Habitat Regulations Assessments (HRA) prepared by NW IFCA for the purposes of making an assessment consistent with the provisions of Article 6(3). Please accept this letter as Natural England's formal advice on those assessments including the conclusions reached in those assessments. Assessments have been made of the effects of activities not occurring within the following the listed sites or EMS's:

- NWIFCA-DE-EMS-001 Dee Estuary EMS
- NWIFCA-DE-EMS-001A Dee Estuary EMS
- NWIFCA-LD-SAC-001 Shell Flat and Lune Deep SCI
- NWIFCA-LB-SPA-001 Liverpool Bay/Bae Lerpwl SPA
- NWIFCA-DC-SAC-001 Drigg Coast SAC
- NWIFCA-SF-EMS-001 Solway Firth EMS
- NWIFCA-SF-EMS-001A Solway Firth EMS

https://www.gov.uk/government/publications/revised-approach-to-the-management-of-commercial-fisheries-in-european-marine-sites-overarching- policy-and-delivery

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¹ Defra revised approach:

- NWIFCA-RA-SPA-001 Ribble and Alt SPA
- NWIFCA-MN-SPA-00 Mersey Narrows and North Wirral Foreshore SPA
- NWIFCA-ME-SPA-001 Mersey Estuary SPA
- NWIFCA-MB-EMS-001 Morecambe Bay EMS
- NWIFCA-MB-EMS-001A Morecambe Bay EMS

We are content that the best available and most up to date evidence has been used to carry out the HRAs by NWIFCA officers, to determine whether management of an activity is required to conserve site features, and thus to ensure the protection of the features, from direct and indirect impacts from the collection of marine fisheries resources.

It is Natural England's view that through their 12 HRAs, North Western IFCA officers appear to have appropriately identified those activities that are not likely to have a significant effect in view of the site's conservation objectives.

It is Natural England's view that any foreseeable risk, or harm to the site has been appropriately assessed; and that there is a mechanism in place to allow assessments of fisheries if they are found to occur and to allow management to be implemented if needed.

Please do not hesitate to contact me if you have any questions or require further information.

Yours sincerely,

Helen Ake

Lead Advisor Sustainable Development and Marine Cumbria Area Team Natural England Juniper House, Murley Moss Kendal, LA9 7RL 0300 060 0493 www.gov.uk/natural-england.



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