

North Western Inshore Fisheries and Conservation Authority Scientific Plan April 2011 – April 2012

General Tasks

		2011												2012			
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
Survey Work Morecambe Bay	Mussel Bed Inspections Ground																
	Mussel Bed Inspections Aerial																
	Mussel Bed Surveys																
	Cockle Bed Inspections																
	Cockle Bed Surveys																
	Humphrey Head Monitoring																
	Supplemental																
	Small Fish Surveys																
	Mussel Bed Inspections																
	Mussel Bed Surveys																
Survey Work District	Cockle Bed Surveys																
	Telephone																
	Written																
Advice to Industry and Public	Email																
	Quarterly Report																
	Annual Report																
Analysis and Dissemination of Management Information	Review of District Evidence Base																
	Attend IFCA Meetings																
	Attend IFCA Technical Sub Committee																
	Attend Barrow Borough Council Wildlife and Heritage Committee																
	Attend at Shellfish Managers Conference & CEFAS 'Science Day'																
	Attend Morecambe Bay Partnership AGM																
	Morecambe Bay Action Group (MBAG)/Joint Liaison Group (JLG)																
	Morecambe Bay European Marine Site Group																
	Attend Shellfish Hygiene Liaison Meetings																
	IFCA Technical Advisory Group (TAG)																
Meetings Attendance																	

Once ■ Weekly ■ Monthly ■ Quarterly ■ Bimonthly ■ Half Yearly ■ Annually

Project Specific

		2011												2012			
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
Foulney Island Mussels	Monitor 2008 relay areas																
	Write report																
Heysham Flat Mussels	Monitor growth and extent of seed																
	Map extent of <i>Sabellaria</i> colonies																
Cockle Cultivation Experiment – Southport	Differential GPS Survey																
	Supervise Transplantation																
	Implement Appropriate Monitoring																
	Assimilate results																
	Consultation and Committee Report																
Foulney Twist Relay Trials	Monitoring and Evaluation																
	Final Report																
	Monitoring and Evaluation																
North Walney Channel Mussel Relay Trials	Final Report																
	Sampling																
Shellfish Hygiene	Mapping																
	Liaison, Strategy and Planning																
	Monitoring and Evaluation																
Liverpool Bay Clam Dredge Trial	Final Report																
	Feasibility Study																
Southport Dredge Fishery	Assessment of Likely Significant Effect																
	Consultation and Committee Report																
	Monitoring and Evaluation																
	Final Report																
	Data Collection																
Cumbria Beach Net Fishery Characterisation and Assessment	Assessment and Mapping																
	Report																
	Monitoring																
Non-native Species Monitoring	Site Selection																
	Recruit Volunteers																
	Brief Volunteers																
	Distance Support to Volunteers – Panel Placement																
	Distance Support to Volunteers – Feedback																
	Volunteer Meetings for feedback																
	Review and Submit significant findings to database																

Once ■ Weekly ■ Monthly ■ Bimonthly ■ Quarterly ■ Half Yearly ■ Annually ■

Project Specific Continued

		2011												2012		
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR			
Size Mussel Dredge Fishery for Small Boats	IFCA Technical Sub Committee Report															
Mapping of Fishing Effort	Review Methods															
	Provide ongoing advice and support															
	Report to IFCA Technical Committee															
Adoption of MIMO Monitoring & Control Surveillance System (MCSS)	Liaise With MMO to ensure compatibility with existing Working Methods															
	Facilitate FO Training															
	Report to IFCA Technical Subcommittee															
Bait Digging Impact Assessment	Scope Project															
Shellfish Discard Mortality Study	Scope Project															
District Fisheries Characterisations and Assessments	Define and Scope Project															
District regional characterisations and Assessments	Define and Scope p															

Once
 Weekly
 Monthly
 Bimonthly
 Quarterly
 Half Yearly
 Annually
 Annually

Collaborative Tasks

		2011												2012			
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
Government Information from the Space Sector (GIFTSS)	Liaise with Iain Thomas																
	DGPS Surveys in support of Feasibility Studies																
Eider/Mussel Risk Review	Liaise with Natural England																
	Represent IFCA at Meetings																
Bird/Shellfish Model	Liaise with Natural England																
	Adjust Survey Regime to Accommodate Model																
	Provide Shellfish data																
	Represent IFCA at Meetings																
Blackpool & the Flyde College	Design projects																
	Select suitable students																
	Supervise projects																
	Design Projects																
Lancaster University	Select suitable students																
	Supervise Projects																
	Lecturing																
	Project Scoping																
Wildlife Trusts – Graduate Work Experience	Support to Graduates																
	Design Protocols																
Earth Observation Groundwork	Create FO 'Mobilisation' Kit																
	New Threads																
Technical Advisory Committee (TAG) Community of Practice Web Forum	Thread Maintenance																
	Comments on Existing Threads																
	Testing																
	Implementation																
Bass 0 & 1 Year Class Surveys	Representing at the IFCA TAG Small Fish Working Group																

Once
 Weekly
 Monthly
 Bimonthly
 Quarterly
 Half Yearly
 Annually

Administrative Tasks

		2011												2012			
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
Maintaining Laboratory	Inventory Servicing																
	Inventory Servicing																
Office Resources Maintenance	Inventory																
	Review Maintenance programme and Replace Servicing and Safety Checks																
Field Gear Storage and Maintenance	Survey Work																
	Data Storage																
	Visual Imaging																
	Review																
Document Procedures, Systems and Protocols	Review																
	Sign Off																
Scientific Work Programme	Team/Staff Meetings																
	Activity Summaries																
Planning and Activity Recording	Maintain Individual Work Plan																
	Maintain Science Pages																
Website																	

Once
 Weekly
 Monthly
 Bimonthly
 Quarterly
 Half Yearly
 Annually
 Annually