IWC SHIP STRIKES WORKPLAN 2022-2024

High level objective & Description of activity	Timeframe)	cc y	,	communit	year/ total	funding	Priority Core = essentia I Top High Medium
	2022	2023	2024								
Coordination of programme											
All aspects of programme coordination including liaison with the SSWG; coordinate work on ship strikes database; coordinate with ship strike data holders to facilitate national/regional database upload; coordination with other IWC bodies and initiatives; engagement with other Inter-governmental Organisations (IGOs) and organisations; fundraising; monitoring of progress and communication.	х	х		IWC Data Manager, Secretariat		See Objective 3		Core			
(1) To reduce mortalities and injuries to large whales as a result of ship strikes.											
1.1 Identify at risk populations The Scientific Committee should provide an estimate of annual incidence rate of ship strikes for each of the following: a. Western North Atlantic right whale b. Eastern North Pacific right whale c. Chile-Peru right whale	x	х		Manager, Secretariat, Ship Strikes Expert Panel	IUCN - IMMAs	Expert Panel no extra cost if meets virtually or in margins of SC meetings.		Тор			
d. Arabian Sea humpback whale e. Western gray whale f. Blue whale - Sri Lanka and Arabian Sea g. Blue whale - Chile h. Sperm whale - Mediterranean Sea i. Fin whale - Mediterranean Sea j. Bryde's whale - Gulf of Mexico k. Omura's whale - North-western Madagascar I. Sperm whale - Canary Islands region				and SSWG		Other costs in Objective 3					

with existing areas. See High risk ship strike areas table in the Strategic Plan for further details of location and species of concern, alongside associated stages in identifying high risk areas and developing appropriate mitigation strategies 1.3 Continued monitoring of measures implemented The SC should regularly review the impact of measures for high-risk populations and in high-risk areas implemented to reduce the incidence of ship strikes. Develop case studies to demonstrate benefits, anticipated and actual costs of measures introduced to reduce ship strikes. 1.4 Improve the understanding of the relationship between vessel speed and risk of injury, death and damage to the vessel (2) Increase the application of measures that reduce collision probability, such as re-routing and speed reduction/limits on a global scale. 2.1 Implementation of measures WC member countries put in place speed and re-routing where necessary A X X Chair of HIM, SC Contracting Governments SC SSWG Travel to IMO To be met Medium Potential travel n to be costs 1000 costs £1000 per annum for relationship between vessel speed and risk of injury, or prepare a paper for MEPC in 2023 that provides an update on research, risks, and mitigation Potential travel n to be costs £1000 costs £1000 per annum for relation to be costs 1000 per annum for relation and secretariat to be costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 per annum for relationship between vessel speed and risk of injury, or costs 1000 pe		1		1	1		1	1
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SSWG costs	Prepare a paper for MEPC in 2023 that provides an update on research, risks, and mitigation				Ship Strikes	per annum	Secretariat	
SSWG costs	opportunities on ship strikes.				Expert Panel,		travel	
(3) Improve reporting of incidents that do occur to the IWC Ship Strike Database.							costs	
	(3) Improve reporting of incidents that do occur to the IWC Ship Strike Database.							

3.1 Systematic outreach to data providers Systematic outreach to countries (members and non-members) and regional authorities to help obtain and secure data for entry to the database. Systematic outreach to shipping sectors, including shipping associations, to seek support with data entry Data from National Progress reports assessed and entered where appropriate.	x	x	х	IWC Data Manager, Secretariat	£38,000 per annum for Data Manager	SC, VCF, welfare funds	High
3.2 Review and provision of data Inclusion of known datasets (e.g., USA, Australia) and development of bulk upload tool Records included and reviewed in a reasonable timeframe	x	x	x	IWC Data Manager, Secretariat, Ship Strikes Expert Panel, IWC Contracting Governments	Included in Data Manager costs		High
3.3 Availability of database Update the website with the most recent version of data Ongoing, regular publication of routine summary statistics from the ship strikes database Maintain a compendium of relevant papers and reports of ship strikes issues	х	×	x	IWC Data Manager, Secretariat	Included in Data Manager costs		Medium
3.4 Use of the database Undertake review of the database to understand how it can be used and improved to help meet the IWC Strategic Plan Undertake analysis of the database to assess the scale of the problem, factors that relate to risk, estimate ship strikes mortalities for whale populations and assess effectiveness of mitigation measures taken		х	х	IWC Data Manager, Secretariat, Chair of HIM, Ship Strikes Expert Panel	Included in Data Manager costs		Medium
3.4 Outreach to other organisations When database has been updated, communicate results to IMO, CMS, ACCOBAMS, ASCOBANS and others as appropriate.	x	х	х	IWC Data Manager, Secretariat, WG-SS	Met by core Secretariat costs		Medium
(4) Increase development/use of avoidance technologies and push for their widespreadstandardized where appropriate.							
4.1 Technological approaches Regular review and monitoring of new technologies by the Scientific Committee. Consult with shipping industry on technologies used.	х	x	х	Chair of HIM, Ship Strikes Expert Panel	Included in core SC meeting costs.	VCF or SC science fund	High

4.2 Avoidance of overlap between whales and ships Reduction of ship strikes will focus on avoidance on overlap between whales and ships, or a reduction in speed. The IWC should look into technology to help mariners understand where to slow down or where seasonal areas e.g., mapping tools that show whale distribution or IMMAs.		ζ	x	Chair of HIM, Ship Strikes Expert Panel	research/ review work Included in core SC meeting costs. Potential costs	to be submitted if needed VCF or SC science fund proposals to be	Medium
4.3 Using AIS data Investigate systems for monitoring all types of vessel traffic in high-risk areas including expanding requirements for vessels to transmit AIS signals to smaller vessels.				Chair of HIM, Ship Strikes Expert Panel	Included in core SC meeting costs. Potential costs for additional research/revie w work	proposals to be	Medium
4.4 Application of technology Assess the feasibility and support the application of technology for known high risk areas. Work with IUCN MMPA Task Force and regional stakeholders to ensure that recently identified IMMAs, in which ship strikes are a risk, be added to "Whale Alert" for the Mediterranean Sea Evaluate efficiency of the REPCET system for reducing the risk of Ship Strikes (SC2019)	x	C		IWC Data Manager, SSWG and other named leads	Included in Data Manager and core SC meeting costs. Potential costs for additional research/revie w work	fund proposals to be submitted	Medium
(5) Improve collaboration on ship strike issues internationally (e.g. International Maritime Organization (IMO), other IGOs (ACCOBAMS, ASCOBANS), NGOs, Arctic Council).							
5. 1 International Maritime Organization Continue to liaise with the IMO on issues relating to ship strikes, including high risk species and areas. Development of an appropriate protocol to enable consideration of cetacean distribution and occurrences for proposed new or revised routing schemes or speed restrictions. Inform the IMO that the IWC SC is "available" to review new TSS, PSSAs and ATBA for relevance and impact on avoiding ship strikes. Maintain SC group to advise on intersessional requests from IMO. Provision of appropriate information to the IMO MEPC	x	ζ.	x	Secretariat with WG-SS and other named leads	To be delivered with core Secretariat funding		Тор

5.2 IUCN Marine Mammal Protected Area Task Force	х	х	х	Secretariat	To be delivered	High
Continue work on the use of Important Marine Mammal Areas to help identify high risk areas					with core	
for ship strikes. This could include review of potential uses of IWC databases in helping identify					Secretariat	
Areas of interest (AOIs) for surveys and verification of longevity of IMMAs					funding	
5.3 Convention on Migratory Species	х	х	х	Secretariat	To be delivered	Medium
Liaise with the CMS and daughters agreements ASCOBANS and					with core	
ACCOBAMS					Secretariat	
					funding	
5.4 Arctic Council					To be delivered	Medium
					with core	
					Secretariat	
					funding	
5.5 UNEP-CEP-SPAW: Collaborative activities under new MoC to be presented for endorsement	х	х	х		To be delivered	Medium
at IWC68					with core	
					Secretariat	
					funding	
5.6 CPPS		х	х		To be delivered	Medium
					with core	
					Secretariat	
	ent x				funding	
5.7 SPREP		х	x		To be delivered	Medium
					with core	
					Secretariat	
					funding	
5.8 NGOs	х	х	x		To be delivered	Medium
					with core	
					Secretariat	
					funding	
5.9 Marine Traffic	х			Secretariat	To be delivered	Medium
Continue to develop MOU for use of AIS data on shipping activity					with core	
					Secretariat	
					funding	
(6) Increase public and industry awareness about the issue and measures used to reduce this	5					
threat.						

6.1 Training and education	х	>	(Secretariat			
Identify and evaluate various training/education programmes to determine which might							
feasibly expand to other marine resource groups. Identify opportunities for IWC input.							
6.2 Specific advice to particular sectors Develop advice for vessels/sectors where there may be specific issues not covered by the IMO's	x	>	<	Expert Panel and	£500 per annum for	Core Secretariat	
general guidance documents.				Secretariat	communicatio	and VCF	
Discussion needed on which sectors to include here, including timelines for the development of					ns activities	(applicatio	
guidance. This could include consideration of:						n to be	
Service vessels for offshore renewables,						submitted	
Fast ferries, Offshore sailing yachts (racing) - review needed by Expert Panel, update and						if	
promote guidance already produced.						needed)	
Cruise ship guidance - review needed by Expert Panel, update and promote guidance already							
produced.							
Oil & Gas.							
6.3 Public outreach	х	>	(Data	Included in		
Circulate leaflet on ship strikes for countries to distribute to their maritime networks				Manager and	communicatio		
				Secretariat	ns budget		
					above		
6.4 Review of impact				As above	As above		
Assess the receptiveness of outreach efforts							
Assess the receptiveness of outreach efforts							