		IOS FIP Workplan – FIP under V3.0.		defendent of the test										
	Comments in fishery assessment	NOTE- assumed start date of FIP is early 2	025, assumed com	pletion date is 202	19				First six months actions in					
Proposed Actions – stock assessment	comments in rainery ascarinent	Proposed Actions	Outputs	Year start	Year End	Time budget	Lead responsibility and participants	Year 1 actions in detail	detail	Days budgeted	Budget (USD)	Progress	Audit trace	Notes
A.2.2 - The assessment provides an estimate of the status of the biological stock relative to a reference point or proxy.	There are indicators that some reference provise are available, including BMXF and FMXF. While traditional reference points like TP and LBP are not an indication to the source of the non-antipactic source of the the point may not be explicitable and measures such as CPUE might be more warranted. Noweyer with the reserve management decisions on, without more comprehension, a gap remains.	Goa; 2. Seeking information on how the plans will be adopted under relevant fishery laws	Fishery management plans	Commence early 2025	, mid 2028	3 years	FIP consultants and FIP steering committee, departments of fisheries in Goa and Maharashtra	 Seek 3 monthly meetings with Goa and Maharashtra fisherise agencies to accertain progress on plan development 2. Find out what their plans are receiving input 3. Find out what may be the impact bases of ensuring that the management plan has a 4. Discuss with fishery agencie the incorporation of reference regular (3 yearly) stock assessments 	the advice form CMFRI and create a Fishery Management Plan - how they plan on consulting stakeholders and how they plan to put the plan into law/regulation/policy commitment. 2. In Month 4, meet with Goa and Maharashtra fisheries	30 days each year for A2 2, A3 2, A3.3 and A4.1 in total	15000 - A2-2, A3-2, A3-3 and A4-1 in total			
of this species do not regularly exceed the level indicated or	during this initial assessment.	Promote and encourage the development of a form finite-winangement plan. The focal areas will be 1. Jollowing up the provision of management advice by the CAPM to the device species of Mahamathra and device species of Mahamathra and 2. Seeking information on how comment will be adopted under relevant filtery laws 3. Seeking information on how comment will be sought, including stateholder consultation	Fishery management plans Documentation of contacts with fisheries agencies seeking progress information		, mid 2028	3 years	HP steering committee,depart ments of fisheries in Goa and Maharashtra	Seek 3 monthly meetings with Goa and Maharashtra fisherics agencies to accertain progress on pila development 2. Find out what their pins are for engaging state without the search of the search of the search of the engle state of the search of the search bet taken for ensuring that the management pian has a 4. Discuss with fishery agencie points and commitments to points and commitments to paint and commitments to assessments	create a Fishery Management Plan - how they plan on consulting stakeholders and how they plan to put the plan into law/regulation/policy commitment. 2. In Month 4, meet with Goa and Maharashtra fisheries	30 days each year for A2 2, A3 2, A3 3 and A4 1 in total	15000 - A2.2, A3.2, A3.3 and A4.1 in total			
A3.3 – Commercial fishery removals are prohibited when the stock has been estimated to be show the first reference point or provy (small quotas for research on-singet for research on-singet fisheries are permissible).		Promote and encourage the development of a form findhery management plan. The focal areas will be 1. Tollowing up the provision of management advice by the CMPN to the findhers a specice of Mahanahta and findhers a specice of Mahanahta and 2. Seeking information on how the plans will be adopted unar relevant filthery laws 3. Seeking information on how comment will be sought, including stateholder consultation	Fishery	Commence early 2025	, mid 2028	3 years	FIP steering committee, departments of fisheries in Goa and Maharashtra	 Seek 3 monthly meetings with Goa and Maharashtra fisherics agencies to accertain progress on plan development Find out what their plans are for engaging takenoiders and of the second second second second 3. Find out what may be the gall basis. Discuss with fishery agencies the incorporation of reference points and commitments to points and commitments to assessments 	create a Fishery Management Plan - how they plan on consulting stakeholders and how they plan to put the plan into law/regulation/policy commitment. 2. In Month 4, meet with Goa and Maharashtra fisheries	30 days each year for A2 2, A3 2, A3 3 and A4 1 in total	15000 - A2.2, A3.2, A3.3 and A4.1 in total			
the target reference point; OR IF NOT: the stock is above the limit reference point or proxy	;	of a formal fishery management plan. The focal areas will be 1. Following up the provision of management advice by the CMFRI to the fisheries agencies of Maharashtra and Goa;	Fishery management plans Documentation of contacts with fisheries agencies seeking progress information	Commence early 2025	, mid 2028	3 years	FIP consultants and FIP steering committee, departments of fisheries in Goa and Maharashtra	 Seek 3 monthly meetings with Goa and Maharashira fibriers agencies to sacertain fibriers agencies to sacertain the sacertain and sacertain 2. Find out what their plans are for engaging stakholders and receiving input Find out what may be the path taken for ensuring that the management plan has a legal basis. Discuss with fishery agencie the incorporation of reference points and commitments to regular (3 yearly) stock assessments 	Plan - how they plan on consulting stakeholders and how they plan to put the plan into law/regulation/policy commitment. 2. In Month 4, meet with Goa and Maharashtra fisheries	30 days each year for A2 2, A3 2, A3 3 and A4 1 in total	15000 - A2.2, A3.2, A3.3 and A4.1 in total			

B1-Commercial followy removals are prohibited when the stock has been estimated to be below the time reference point or proxy (small quotas for research on-n-signet cach of the species in coher- faberies are permissible).	There is very little information and evidence available to analyse the status of this stock.	Part A species (has species specific management arrangements and regular stock assessments) by the end of the FIP (2029). 2. have an aggregate assessment of all sardine species as they are commonly caught together and in relatively small numbers.	Seek agreement with fiberies agencies and CMFRI to regular stock stock subsection of species specific and the adoption of species specific and the adoption of species specific and the adoption of species specific and the adoption of specific spec	Commence early 2025	mid 2028	3 years	RP consultants and RP steering committee, departments of Maharashtra, CMFRI	 Discuss with CARRI their proposed intrealised for Mikilan mackerel stock assessments and seek a commitment to a minimum 3 year cycle Seek discussions with CARRI about their level of knowledge (volumes, tpacks, areas) about their level and the sease survives of the sease survives (ARRI about the sources) Have a discussion with CARRI about the sources and doing stock assessments of doing stock assessments of activity and the sease survives of 1 cMRI about the sources and their commitment to aggregate their commitment to aggregate will abor equire some agreement from Mann Turus). 	to ascertain their plans for extending the took assessment for indian mackered into the notil west region of india. 2. In Month J unive a letter to CMFRI to follow up the discussions help in late November regarding ways of approaching the lesser sardnes issue. 3. Pending response from CMFRI determine next steps in time for its month review	10 days per year	5.00	NOTE - verhal telecasions held in Gas on 27/21/24 about this subject. To be followed up when this plan approved
Da	Several of the Category D species did not pass their PSA.	Ensure that the species is to provided to the Fif (by O Pawar) can be verified both in terms of species composition and percentage of atch. Pending durification we will either remove the information provided (and evaluated) or ensure that any catch composition work undertaken clarifies a way forward that enables a long term management plan to be put in place	Resolve catch composition issues	Commence early 2025	end 2026 (phase 1), if research is needed then end 2027	3 years	FIP consultants (to be determined if required) CMFRI Research provider	into the management plans. J Seek without could/ration from Dr Pawar on the fisheries assessed and the actual percentages of species provided in in his presentation date: XX/OX/DXOC J. Seek data from CMRV/state governments of the landings (perceix/volumes) of the industrial purse senie sector as at landing sites to be found via literature searches and/or discussions with relevant biologists. Note searches and/or accurities several acountries and there may be researchers outcide of india that could be contacted.	 Discuss with a research provider the placement of researchers on vessels for the 2025 catch season to document catch composition (fish and ITP species). Pending discussion we may have to revise timeframe. Commission agreed study and sete assurances with researchers have the right species identification training. 	10 days per year + research costs	5,00	
Db	All of the species that did not pass Da, also did not pass Db due to lack of management measures.	Further work on this will depend on actions taken for Da		early 2026	mid 2028	3 years	FIP consultants	To be addressed in future revision of the FAP				
Proposed Actions – Monitoring, Control and Surveillance		Proposed actions	Outputs	Year start	Year End	Time budget	Lead responsibility			Days budgeted		
M1.5.3 – The fishery management system is subject to periodic internal or external review to validate the decision-	No information was available to demonstrate that the fishery management system is subject to external review. Only creatin reports could be considered for internal review.	Discuss with national government on their intentions regressing an update on current status of the revised National Flahriers Skirg (2020). Need to seek information from Gosa and Maharabits on and drive policy revised - national, Joual factors, scheduled Gains un anderstanding of what drives change in management - research inputs, evidence of problems, demands from fishermen etc.	Reports and, where possible, any supporting documentation from the departments	Commence early 2025	end 2025	1 year	Department of Fisheries (national), departments of fisheries in Goa and	 Seek an update from the mational fisheries agency on the second second second second second reviced national fisheries policy legislation now that the election has been decided Seek a discussion with the decision and share decided agencies about how they make decisions on changes in management 	National Fisheries Policy. 2. By Month 3 seek information from the States of Goa and Maharashtra on the way that the decision making process on fisheries in each	5 days	2500	
monitoring and surveillance activity appropriate to the intensity, geography,	and Maharashtra about MCS, only Goa provided any detail. This also demonstrated 19 incidents of violations between 2023-2024 and was not fishery specific. More specific about the fishery required – particularly Maharashtra - as at present it cannot be evidenced the		Report prepared	Commence early 2025	mid 2028 - please note, this finaliation date is for the satisfaction of the full observations of biservations of the fishery assessment - see Notes - Column O	2.5 years	FIP consultants, department of Enhretis in Goa and Maharashtra	 Seek updated letters from the departments on enforcement actions build one drove details on fabery specific actions. Are they now checking fab sizes, for example? Prepare a report on the fabery - number of vessels, number of days at see, where they fail (where is a topen for fabely), bit report can assist fabely), bit report can assist provide the such as \$2.1.2 	 In Month 1 write to Mahurashtra Department of Fisheless seeking toth scrutol and Surveillance with a gocific focus on the small pelagic purse seeking information on how they analyse the data collected and make use of it in refining MCS. By Month 4, have prepared a study brief that sets out what a study brief that sets out what better discribe the interview of the intensity, geography, management compliance behaviour of the finely-". This better will also set out what actions will be taken to source the information and the proposed timetable in greater detail. 	5 days per year	2,50	MT requirement: in addition, the RP will bring forward the clarification of the MCS arrangements. – A first report will be available as claring and a repy is provided by the FAP as originally supplied, this work was committed to in Month 1 (Action 1 in Cell134). The reference to 2028 was related to other observations by the followy assessor. A second action (Action 2 - Cell 1/4) to address these observations namely: Note that the need to demonstrate at the scale etc of the followy work is required. Appears and the intensity of the followy analyze of information from the government which is with a 2028 finalisation timetable was put forward.

updated routinely, statistically reviewed and available. M2.3.2 – Fishers provide additional information and cooperate with management/enforcement apport the effective management of the fashery.	the departments (MCS letters), but it is not understood if its statistically reviewed and how often it supdated, nor what data activity relates to the specific fishery under assessment, close this out. Adequate information and/or record supporting the fact that fishers provide with management/reforement agencis/crganitations to support	in accordance with regulation (e.g. Marashtra Marine Fishing Regulation Act, 1981)? How can such committees be used	Report prepared Discuss with fisheries agencies about machanisms for	Commence early 2025 early 2026	mid 2026	15 years 6 months	FIP consultants, departments of fisheries in Goa and Maharashtra	Seek updated letters from the departments on enforcement detail on fishers specific actions. Do they do any ear of the number of offences is declining, static or increasing? To be addressed in future revision of the FAP	 In Month 1 write to Maharahra Department of Fahreirs seeking Unther details on Monitoring. Control and Surveillance with a specific parse series fishery, including parse series fishery, including seeking information on how they analyse the data collected and make use of it in refining MCS. 	S days per year	2,50			
Proposed Actions – ecosystem and protected, endangered and threatened species		Proposed Actions – protected, endangered and threatened species	Outputs	Year start	Year end	Time budget				Days budgeted				
E1.1.2 - Interactions between the Fahery and ETP species are recorded and reported to management organisations.	There is no third-party (e.g. observer) data that would be able to demonstrate that the flowly cose not interact with ITP species, therefore, there is no way of understanding layout the flowlary of understanding layout the flowlary paper are available that demonstrate lowe ITP catch rate in Indian purse selve flowlers compared to galinet flowlers, but these are largely outdiated and are not specific to the fishery being assessed.	Conduct a study of TP Interactions with the fisheries. Can be conducted whils researchers are on board vaseds collecting catch composition information.	Research project documenting any ETP species interactions and catch composition	Second half of 2025 when 2025/26 fishing season starts	mid 2027	2.5 years	FIP consultants	 Discuss with the college of flaheries (can they do Goa as study of TP interactions with our flaheries of Interest. Discuss the proposed with lawer to collaborate (which with law to collaborate (which in they with Nat 2.3.) Develop a project stroposal in they with Nat 2.3.) Develop a project proposal in in the 2025/26 fishing season 		10 days per year plus research costs	5,000 + research costs (TBD)			
E1.3.2 – The measures are considered likely to achieve the objectives of regional, national and international legislation relating to ETP species.	Despite there being letters provided from Maharashtra and Goa about the monitoring and compliance, there are a number of other measures that are unaccounted for	Need to clarify what is meant by the 'number of other measures'	Report available updating incentive scheme	• mid 2027	Late 2028	1.5 years		Seek information from the fisheries agencies on the reward scheme they run for getting fishermen to release ETP species. Need to get numbers per year, by fishery (especially purse seining) and by species (turtles, dolphins)		5 days per year	2,500	3		
scałe, joczation and intensity of hinking activity relative to hubitats is collected.	Currently, there is no information available about the call, location and intensity of fahing activity relative to hubbats for this flower, information about overlapping habitats, including coal needs, and acquires is evident through scientific papers, but without movements, there is to way to fully verify that the vessels are not operating on these environments.	Need to obtain seages and coral distribution may and overly the rear of open for finding to set if there is any potential for impact. There are researchers who use Geographic linformation systems to map habitatis. You example, and there may be a possibility of example, and there may be a possibility of the solution of the solution of the solution habitat interactions.	Report on risk to critical habitats available	Commence early 2025	end 2026	1.5 years	FIP consultants, CMFRI, other research providers if we find they have relevant information	researchers who have mapped segarasse and consisto see if they have any new information and whether we can have access to base maps (the maps inpublished papers are very small and large scale and difficuit to real). 2. Talk to the hydrographic chart of the waters of Goa and Maharsahra 3. Talk to the researchers who use GS as a tool seek (they can overlay segarss/coral distribution maps on the bathymetry and add the fibery soning boundaries	departments/researchers have previously studied the distribution of critical habitats and determine what mapping may be publicly available in a form that enables an analysis of the potential risk from purces seining to be undertaken 2. In Month 4 the same investigation as described above for critical habitats also be undertaken for water depths in areas open for purse seining for small pelagics.	10 days per year	5,000 plus any research costs (TBD)			
collected in relation to 12.1.3 indicates that the fishery does not have a significant negative impact on marine habitats.	Withous specific information on the fishery's scale. Jocation and intensity, it cannot be confirmed that the purse scient fisheries does not have a significant negative impact on seafloor habitats.	there is any pole-time on inpact. Needs information from fishermen on how deep the nets fish, distance offshore and bathymetry. Then put into GIS mentioned above. Onboard researchers to gather data on setting locations and depths of water during sets.	fishermen over their netting	Commence early 2025	end 2026	1.5 years	FIP consultants, CMFRI, other research providers if we find they have	 Talk with fishermen and gear experts about the depth of the gear (from float line to purse rings) and the depth of water they operate in. Use information from 2.1.2 (bathymetry) to evaluate risk of seabed interaction. Information from onboard research program to be fed into risk assessment. 	 During the design of the study proposed for Da a questionnaire designed to seek information from fishermen is developed which will seek operational information on their purse seining, including deployment depths. 	10 days per year	5,000			
indicates that the fishery does not have a significant negative	The lack of information or variance of specific catch composition limits the ability to accurately assess the contribution of the fibery to total ecosystem impacts. Furthermore, several Prodictivity and SuscephBilling Analysis (PSAs) were conducted as required by Marin Trust assessment criteria, and currently did not pass – which does not provide confidence that the fiber of does not here a significant negative impact on the marine <i>annotation</i> .	Await the output of the catch composition study and e-evaluate which species may require a PSA Conduct any PSA's required If needed collect any missing information to FII the biological gaps Should also ensure that the Ecopath management plan.		early 2027	end 2027	1 year	FIP consultants	To be addressed in future revision of the FAP						