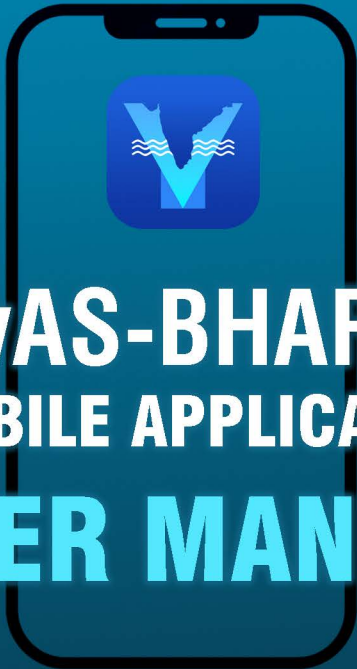




CMFRI Training Manual Series No.59/2025

5th Marine Fisheries Census 2025



VyAS-BHARAT MOBILE APPLICATION USER MANUAL

ICAR-Central Marine Fisheries Research Institute, Kochi

(Department of Agricultural Research and Education, Govt. of India)

Website: www.cmfri.org.in

5th Marine Fisheries Census 2025



VyAS-BHARAT MOBILE APPLICATION USER MANUAL



DEPARTMENT OF FISHERIES
GOVERNMENT OF INDIA



ICAR – Central Marine Fisheries Research Institute
(Indian Council of Agricultural Research)

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5th Marine Fisheries Census 2025 - VyAS-BHARAT (Basic Household And infRastructure Assessment Tool) Mobile Application User Manual

CMFRI – Training Manual Series No. 59/2025

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Marine Fisheries Census 2025

VyAS-BHARAT Mobile Application User Manual

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Marine Fisheries Census 2025

VyAS-BHARAT (Basic Household And infRastructure Assessment Tool)

MOBILE APPLICATION USER MANUAL

VyAS-BHARAT Mobile Application

VyAS-BHARAT Mobile Application has been developed as a dedicated digital platform to streamline and modernize the Marine Fisheries Census 2025. The application is designed to replace traditional paper-based enumeration with a fully digital process, ensuring greater efficiency, accuracy, and real-time data management. Through this mobile application, enumerators can seamlessly access the various forms and schedules prescribed for the census, record household- and individual-level information directly in the field, and submit the data securely through an online mode

How to Install and Use

Step 1 : Open any Internet browser like Google Chrome from your Android mobile phone and carefully type in the address mfcensus.cmfri.org.in in the address bar to open it.

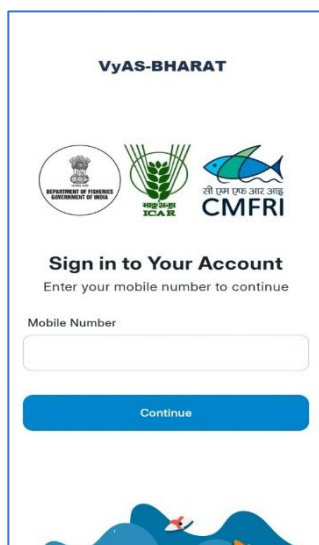
Step 2 : Go to Download App section and Tap on the Download VyAS-BHARAT App button to initiate the download of the installation file. While the download is in progress, you should be able to see the progress on the notifications bar.

Step 3: Once the download is complete, the installation file (Vyas-bharat-VersionNumber.apk) should be present in the Downloads Folder.

Step 4 : Click on this file to start the installation of your app. For installation, you may need to enable/approve installation of apps from unknown sources from the security section in your device's settings. Enable it when it asks for permission.

Step 5 : After installing the app, open it and you will be taken to the sign-in page. If you are already registered, simply enter your mobile number. You will then receive an OTP (one-time password) on your registered mobile number. Enter this OTP to log in and start using the app given below.

Step 1:
Enter Registered Mobile Number



VyAS-BHARAT



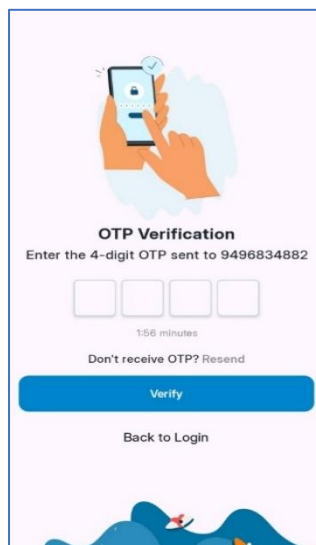


Sign in to Your Account
Enter your mobile number to continue

Mobile Number

Continue

Step 2:
Enter OTP Received



OTP Verification
Enter the 4-digit OTP sent to 9496834882

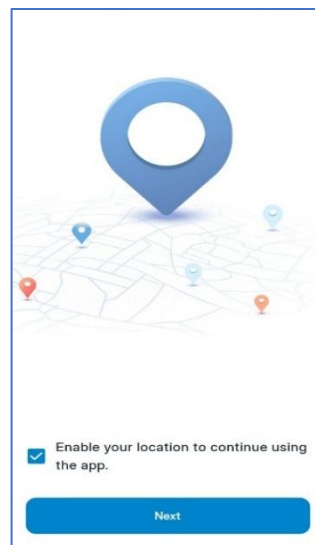
1:56 minutes

Don't receive OTP? Resend

Verify

[Back to Login](#)

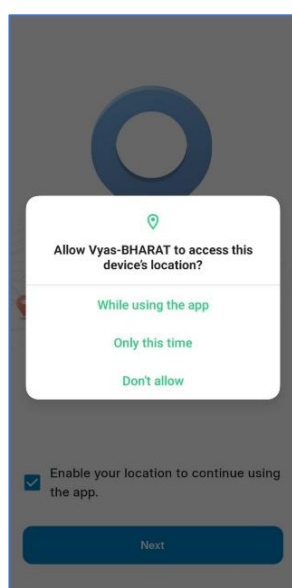
Step 3:
Enable location



☒ Enable your location to continue using the app.

Next

Step 4: Permit location access while using the App



Allow Vyas-BHARAT to access this device's location?

While using the app

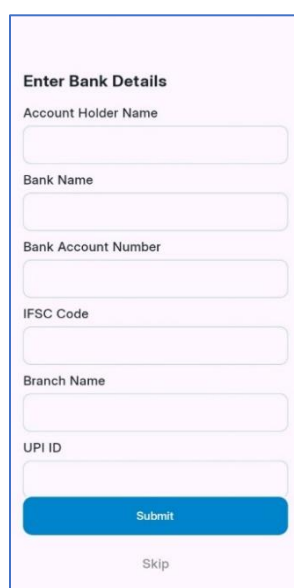
Only this time

Don't allow

☒ Enable your location to continue using the app.

Next

Step 5: Enter enumerator bank details for payment. You may skip and update later



Enter Bank Details

Account Holder Name

Bank Name

Bank Account Number

IFSC Code

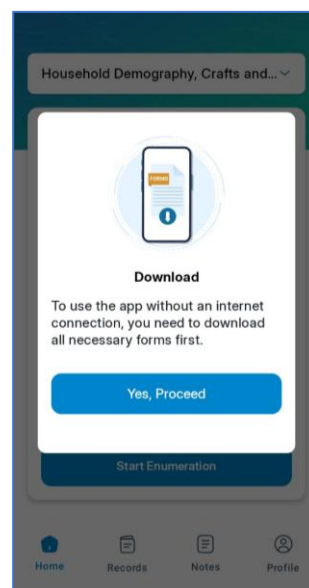
Branch Name

UPI ID

Submit

[Skip](#)

Step 6: Download details for offline data entry.



Household Demography, Crafts and...

Download

To use the app without an internet connection, you need to download all necessary forms first.

Yes, Proceed

Start Enumeration

Home Records Notes Profile

Options in VyAS-BHARAT Home Page

- ✧ **Household Demography, Crafts and Gears:** This is the default form used to collect household information for fishing communities. If the enumerator is assigned to collect other data, the respective forms/schedules can be selected by tapping on them.
- ✧ **Due Date:** The deadline for completing the enumeration.
- ✧ **Total No. of Submissions:** Displays the total number of submissions made.
- ✧ **Submissions in Drafts:** Shows the number of household records saved as drafts. Tapping on it will display the draft records.
- ✧ **Awaiting FLC Review:** Shows the number of household records submitted but not yet reviewed.
- ✧ **Rectification Required:** Shows the number of household records reviewed by the FLC and sent back for correction. Tapping on it will display those records.
- ✧ **Notes:** Notes sent by the FLC/Admin will be displayed here.
- ✧ **Start Enumeration:** Starts the household enumeration. It must be initiated at the household location.
- ✧ **Home:** Returns to the home page of the app.
- ✧ **Records:** Displays all records across different statuses.
- ✧ **Profile:** Allows the enumerator to update their profile and bank details.

Household Demography, Crafts and Gears ▾

Kanchikeri In Progress ⋮

📅 Due Date: **N/A**

3 Total No of Submissions

3 Submissions in drafts

0 Awaiting FLC Review

0 Rectification Required

📝 Notes: →
Added as enumerator

Start Enumeration

Home Records Notes Profile

Form/Schedule 1 : Household Demography, Crafts and Gears

- ✧ This form consists of 7 pages covering key aspects of household data collection for fishing communities.
- ✧ The total number of fields is 178, organized sequentially across pages.
- ✧ Data entry must follow the instructions precisely to ensure accuracy and consistency.
- ✧ All auto-populated fields (e.g., location-based data) should be verified on-site.
- ✧ Numeric fields accept only valid numbers (e.g., no letters in age or counts).
- ✧ Multi-select fields allow multiple options; single-select fields require one choice.
- ✧ Conditional fields (e.g., activated based on prior responses) must be enabled only when relevant—do not force entry otherwise.
- ✧ Use the "**Start Enumeration**" button at the household location to capture GPS data automatically.

Important Note: Please make sure that the household you select for enumeration is a marine fishermen household where any one or more members are involved in marine fishery related activities.

General Guidelines

- ✧ **Data Validation:** Ensure counts (e.g., family members, education, occupation) align with total household size. Cross-verify against previous entries to avoid double-counting.
- ✧ **Sensitive Data:** Handle Aadhaar, other card numbers, and health details confidentially. Obtain verbal consent before entry.
- ✧ **Errors to Avoid:** Do not enter data in disabled fields. For "Others" options, always specify details in the follow-up text field.
- ✧ **Completion:** All mandatory fields (marked implicitly by structure) must be filled. Remarks (Field 178) should capture any clarifications or enumerator notes.

VyAS – BHARAT

Schedule I - Household Demography, Crafts and Gears

Schedule I

- This Schedule is divided into seven sections within the application
- Complete each section with the required details

Location

>

Family

>

Social Status

>

Educational Status

>

Occupation

>

Financial

>

Fishing Craft & Gears Ownership

>

Location

1. Serial No.

- Auto-generated sequential number for the household in the enumerator's assignment.
- No manual entry required.
- Verify against assignment list.

3. House No.

- Enter the house number provided by any local body – (Panchayat, Municipality, or Corporation).
- If no number is available for the house, write the number of the adjacent house and add a suffix A or B or C.
- This can be filled up OR they can use the previously visited house number with the suffix e.g. 152A.

Enumerator's assigned location and assigned survey timeline

2. Lat-Long of Household

- Press "Start Enumeration" at the exact household location to capture GPS coordinates automatically.
- Do not edit post-capture unless verified on-site.

4. Household No.

- One house may include more than one household.
- Household is defined as a group of family members sharing a common kitchen.
- Multiple kitchens in one house = multiple households (same House No., different Household No.).

Family

5. Name of head of the family

- Enter the full name of the primary decision-maker or eldest member.
- Verify spelling with family

6. Native of the State

- Select **Yes** if head of the family was born in the current state; **No** for migrants.
- This flags migration status for later analysis

Family

Household Demography, Crafts and Gears

Family

5. Name of head of the family
Suresh K R

6. Native of the state (by birth only)
☐ Yes ☒ No

7. If no, from which state
Andhra Pradesh

Andhra Pradesh
Arunachal Pradesh
Assam
Bihar
Chhattisgarh
Goa
Gujarat
Haryana
Himachal Pradesh

7. If no, from which State

- Activates only if Field 6 = **No**.
- Select the birth state.
- If non-coastal, select nearest or note in Remarks

Household Demography, Crafts and Gears

In progress 02/07

Family

5. Name of head of the family
Suresh K R

6. Native of the state (by birth only)
☒ Yes ☐ No

7. If no, from which state

8. Gender
☒ Male ☐ Female ☐ Transgender

9. Age of the head of the family
45

8. Gender

- Select the gender of the head of the family from the options in the select box.
- Confirm self-identification sensitively.

9. Age of the head of the family

- Enter the age of the head of the family age in years.
- Validate against ID documents; estimate if undocumented.

Aadhar Card Information

11. Number

- Enter the number based on Field 10 without spaces or dashes
- Validate format: No spaces or dashes

12. Type

Prioritize fisheries-specific card

14. Card Number

- Enter the number of the card selected in Field 12
- Enter the card number corresponding to the selection made in Field 12

Household Demography, Crafts and Gears

Aadhaar no or Aadhaar linked phone number

10. Type

Aadhaar No

11. Number

Card information

12. Type

State Department Fisheries card

13. Other card type

14. Card number

10. Aadhaar No./Aadhaar linked phone number

- Select type.
- Prioritize Aadhaar Number if available, for ensuring uniqueness.
- If entering Aadhaar Number, select 'Aadhaar Number' from the options.
- If Aadhaar Number is not available, select 'Aadhaar Linked Phone Number'.
- If both are not available, assign Aadhar number as 111111111111 (12digits)

13. Other card type

This field will be enabled only if Others (specify) is selected in Field 12, allowing you to enter the type of card (e.g., PAN Card)

Ration Card Information

15. Type

- Select the type of the ration card based on state norms
- "None" if no ration card is available

Household Demography, Crafts and Gears

Ration card information

15. Type

Yellow

Pink

Red

Blue

Orange

Green

White

Annapurna Yojana (AY)

None

16. Number

16. Number

Enter the ration card number if Field 15 is not "None"

Family Details

17. Male –adult
Number of male adults in the family (18+ years)

18. Female –adult
Number of female adults in the family (18+ years)

19. Transgender
Total number of transgender persons (if any) in the family, across all ages

20-21. Children above 5 years
Number of male/female children with greater than 5 years and less than 18 years (>5 and <18 years)

22-23. Children upto 5 years
Number of male/female children (0-5 years)

Household Demography, Crafts and Gears

Family size

*17. Male – adult
1

*18. Female – adult
1

*19. Transgender
0

Children above 5 years

*20. Male
1

*21. Female
1

Children upto 5 years

*22. Male
1

*23. Female
1

24. Whether any family member is a person with disability (Divyang) ?

- Select **Yes** if any family member has any disability as recognized under government guidelines (physical, sensory, intellectual, or mental).
- This includes both visible and non-visible disabilities that may impact daily activities or work.

25. Whether COVID-related death occurred?
Indicate whether any death due to COVID pandemic during 2020-2022.

26. Whether any family member suffers/recovered from a life-threatening disease?
Indicate if any family member has currently or previously had a disease that was potentially fatal or required urgent or intensive medical treatment to survive (e.g., cancer, heart attack).

27. Whether any family member died in accident during fishing in last 5 years?
Whether any family member died in accident during fishing in last 5 years (e.g., drowning) since Oct 1, 2020 (based on current date).

28. Whether any family member suffers disability due to fishing-related Accidents
Indicate any of the family member experienced a physical or mental disability caused by an accident while fishing (e.g., limb loss).

Household Demography, Crafts and Gears

*24. Whether any family member is a person with disability (divyang)?
☐ Yes ☒ No

*25. Whether COVID-related death occurred?
☐ Yes ☒ No

*26. Whether any family member suffers/recovered from a life-threatening disease?
☐ Yes ☒ No

*27. Whether any family member died in accident during fishing in the last 5 years?
☐ Yes ☒ No

*28. Whether any family member suffers disability due to fishing-related accidents?
☐ Yes ☒ No

Previous Next

Social Status

29. Type of House

Indicate the type of the house.

- **Kutcha:** A temporary structure with walls and roofs made from non-permanent materials like mud, thatch, straw, etc.
- **Pucca:** A house built with lasting permanent solid walls, and robust roofs such as walls made of burnt bricks, stones (packed with lime or cement), cement, concrete, timber or any other hard substance and roof made of tiles, galvanised corrugated iron sheets, asbestos, cement sheet, reinforced brick concrete, reinforced cement concrete and timber etc.
- **Semi Pucca:** A house that has fixed walls made up of pucca material but roof is made up non-permanent material like mud, thatch, straw, etc.
- Inspect visually

Household Demography, Crafts and Gears

In progress 03/07

Social Status

*29. Type of house

Kutcha

Kutcha

Pucca

Semi Pucca

*30. Whether own house?

☒ Yes ☐ No

*31. Is distance of house from shore is less than 100 meter?

☐ Yes ☒ No

30. Whether Own house?

Indicate whether the house is fully owned by the family, with no rent

31. Is distance of house from shore is less than 100 meters?

- Select **Yes** if the house is situated within 100m distance from the sea, otherwise select **No**.
- Measure/estimate distance to high-tide line. Use GPS if needed.
- **Yes** indicates coastal vulnerability.

32. No. of rooms

- Enter the total number of rooms in the house, including the kitchen.
- Exclude verandas

Household Demography, Crafts and Gears

*32. No. of rooms

3

*33. Land area (cent)

2-5

<2

2-5

6-10

>10

*34. Source of drinking water

Well

Tap Water

Well

Hand Pump

Tubewell

Borewell

Spring

33. Land area (cent)

Select range of land owned (not rented) by the family in cents.

- 1 cent = 435 sq. feet
- 1 cent = 40 sq. meter
- 1 cent = 0.01 acre
- 1 cent = 0.016 bigha
- 1 cent = 0.3 katha

34. Source of drinking water

Select the primary source of drinking water from the list.

- If multiple sources are used, choose the one that is used the most (> 50%).

Facilities

35. Toilet facility

- Select **Yes** if a functional toilet (inside or outside) is available; otherwise, select **No**.
- If shared or public, specify in Remarks.

< Household Demography, Crafts and Gears

*35. Toilet facility
☒ Yes ☐ No

*36. Source of electricity
 Electricity board
 Electricity board
 Solar with Electricity board
 Solar
 Nil

37. Household assets
☒ Chair ☒ Cot ☐ Table ☐ Computer/Laptop ☒ TV
☒ Fridge ☐ 4 Wheeler ☐ 3 Wheeler ☒ 2 Wheeler
☒ Cooking Gas ☒ Mixer ☐ Washing Machine ☐ AC
☐ Cooler

36. Source of Electricity

- Select main source of electricity.
- **Solar** for off-grid only

37. Household assets

- Choose the assets present in the house from the list.
- Multiple selections are allowed.
- Tick all available items.
- For visual verification, count items as present if they are functional.

38. Religion

- Indicate the religion of the head of the family from Hinduism, Christianity, Islam, Others.
- Select '**Others**' if religion not available in options.

39. Other Religion

- This field is enabled when the "Others" option is selected in Field 38.
- Enter the name of the religion if "Others" is selected (e.g., "Sikhism").

42. Whether traditional Fisherman

Traditional fishermen are those who are fishermen by birth and fishing is their ancestral occupation.

< Household Demography, Crafts and Gears

*38. Religion
 Others (specify) v

*39. Other religion

40. Caste

*41. Category
 SC
 ST
 OBC
 GENERAL

*42. Whether traditional fisherman?
☒ Yes ☐ No

40. Caste

- Enter the full name of the caste of the head of the family.
- Please ensure sensitivity while providing this information.

41. Category

Choose the caste category of the head of the family as per the government classification.

Educational Status (Above 5 years)

- Enter the count of Male, Female and Transgender members separately who are above the age of **FIVE** years in the appropriate field.
- Care should be taken that one person's education status is entered only once in the highest level (no double-counting). Fields 43–72.
- **Eg.** If a female member is graduate, her count should be entered only in SI No. 68 (Graduate and above) even if she has passed Secondary, Higher Secondary, etc.
- **(Pre-Entry Note:** Total eligible = Sum of Fields 17+18+19+20+21 (above 5 years). Illiterate = Total eligible minus sum of educated counts)

Educational Status (Above 5 years)

43-45. Literate without educational Level (Male/Female/Transgender)

- Number of male/female/transgender family members who are literate (can read and write) without having formal schooling.

46-48. Below Primary

- Number of male/female/transgender members who are studying or have studied below primary level (less than Class 5).
- Includes dropouts or those enrolled in grades below 5th.

49-51. Primary

- Family members (Male/Female/Transgender) who have passed exactly Class 5 (not beyond)

Educational Status (Above 5 years)

52-54. Middle

Members (Male/Female/Transgender) enrolled in/passed Classes 6–9 (excluding 10th)

58-60. Higher secondary/ Intermediate Pre-University/ Senior secondary

Members (Male/Female/Transgender) who have passed higher secondary (+2/12th) but not a degree.

55-57. Matric/Secondary

Members (Male/Female/Transgender) who have passed exactly 10th standard (not higher)

61-63. Non-technical diploma or certificate not equal to Degree

Members (Male/Female/Transgender) who have passed a non-technical diploma or certificate course which are not equal to Degree

< Household Demography, Crafts and Gears

Middle

*52. Male	*53. Female	*54. Transgender
0	0	0

Matric/secondary

*55. Male	*56. Female	*57. Transgender
0	0	0

Higher secondary/intermediate pre-university/senior secondary

*58. Male	*59. Female	*60. Transgender
0	0	0

Non-technical diploma or certificate not equal to degree

*61. Male	*62. Female	*63. Transgender
0	0	0

64-66. Technical diploma or certificate course not equal to degree

Number of members (Male/Female/Transgender) who have passed Technical diploma/ Certificate course which are not equal to Degree (eg. ITI course)

70-72. Illiterate

Enter the number of family members who are illiterate (unable to read/write basic script).

Technical diploma or certificate not equal to degree

*64. Male	*65. Female	*66. Transgender
0	0	0

Graduate & above

*67. Male	*68. Female	*69. Transgender
0	0	0

Illiterate

*70. Male	*71. Female	*72. Transgender
0	0	0

67-69. Graduate & Above

- Enter the number of family members who have completed Graduation or higher education.
- Include those currently pursuing postgraduate studies.

Occupation

Occupation (Number of Members)

Enter the count of Male/Female/Transgender in the appropriate field based on their occupation.

Only one occupation should be selected for one member

If any member is engaged in multiple occupations, only his/her main occupation has to be entered.

No double-counting across categories.

Pre-Entry Note:

- Full-time fishing = $\geq 90\%$ fishable days/year;
- Part-time = $< 90\%$.
- Exclude part-time from other counts
- Full-time fishing refers to being engaged in fishing for $\geq 90\%$ fishable days/year, while part-time fishing is for less than 90%. Part-time fishermen should be excluded from other counts.

Household Demography, Crafts and Gears

In progress05/07

Occupation (Number of Members)

Engaged in - full time fishing

*73. Male0

*74. Female0

*75. Transgender0

Engaged in - part time fishing

*76. Male0

*77. Female0

*78. Transgender0

Engaged in - seaweed collection

*79. Male0

*80. Female0

*81. Transgender0

73-75. Engaged in Full time fishing

- Number of male/ female/ transgender members of the family involved in full time fishing.
- Full Time includes those fishermen who spend at least 90% of the fishable duration in a calendar year.

79-81. Engaged in Seaweed collection

Number of male/ female/ transgender members in the family involved in full time seaweed collection.

Household Demography, Crafts and Gears

In progress05/07

Occupation (Number of Members)

Engaged in - full time fishing

*73. Male0

*74. Female0

*75. Transgender0

Engaged in - part time fishing

*76. Male0

*77. Female0

*78. Transgender0

Engaged in - seaweed collection

*79. Male0

*80. Female0

*81. Transgender0

76-78. Engaged in Part time fishing

- Number of male/female/transgender members of the family involved in part time fishing.
- Part time includes those fishermen who spend less than 90% of the fishable duration in a calendar year. (Members included in part time should not be counted in any other occupational related columns).

Occupation

85-87. Engaged in fishing allied activities – marketing of fish

Indicate the number of male/ female/ transgender members in the family who are engaged in marketing of fish.

91-93. Engaged in Fishing allied activities - Curing /Drying

Indicate the number of male/female/transgender members in the family engaged in curing/drying (post-harvest processors)

< Household Demography, Crafts and Gears

Engaged in - harvesting of other marine organism (bivalves/ornamental fish/shells/crabs/fish seed)

*82. Male	*83. Female	*84. Transgender
0	0	0

Engaged in - fishing allied activities - marketing of fish

*85. Male	*86. Female	*87. Transgender
0	0	0

Engaged in - fishing allied activities - making/repairing net

*88. Male	*89. Female	*90. Transgender
0	0	0

Engaged in - fishing allied activities - curing/drying

*91. Male	*92. Female	*93. Transgender
0	0	0

82-84. Engaged in Harvesting of other marine Organism (Bivalves/ ornamental fish/ shells/ crabs/ fish seed)

Number of male/female/transgender members who are engaged in harvesting of other marine organism like Bivalves/ ornamental fish/shells/crabs/fish seed

88-90. Engaged in Fishing allied activities - Making/ Repairing net

Indicate the number of male/ female/ transgender members in the family who are engaged in making/repairing net

Occupation

94-96. Engaged in Fishing allied activities – Processing (peeling/ gutting/cutting etc.)

- Indicate the number of male/ female/ transgender members in the family engaged in Peeling, Gutting, Cutting (on-site preparatory workers) and processing.
- Exclude employees in processing plants/ factories

103-105. Engaged in Fishing allied activities -Auctioneers / Commission agents

Number of male/female/transgender members who are working as Auctioneers/ Commission agents in landing centres

< Household Demography, Crafts and Gears

Engaged in - fishing allied activities – processing(peeling/ gutting/cutting etc.)

*94. Male	*95. Female	*96. Transgender
0	0	0

Engaged in - mariculture: number of male, female, and transgender members engaged in open sea cage culture.

*97. Male	*98. Female	*99. Transgender
0	0	0

Engaged in - fishing allied activities - labourer

*100. Male	*101. Female	*102. Transgender
0	0	0

Engaged in - fishing allied activities - auctioneers/ commission agents

*103. Male	*104. Female	*105. Transgender
0	0	0

97-99. Engaged in Mariculture

Number of male/female/transgender members engaged in open sea cage culture

100-102. Engaged in Fishing allied activities -Labourer

Indicate the number of male/female/transgender members in the family working as Labourers. (includes head load workers, helpers etc. at the landing centres)

Occupation

109. Migration to other states for fishing/allied activities:-

Number of members

If any member(s) have been migrated to other states for fishing or allied activities, their count is to be entered here. (temporary/permanent)

110. Migration to other states for fishing/allied activities:-

To which state

Activated only if value of Q. No. 109 is non-zero. Select the state from the list to where the member(s) of the family migrated for fishing or allied activities

111. In-Fisheries Co-operatives

Indicate the number of family members who hold membership in Fisheries Co-operative Societies

< Household Demography, Crafts and Gears

Engaged in - activities other than fishing (govt/pvt)

*106. Male	*107. Female	*108. Transgender
0	0	0

*109. Number of members migrated to other states for fishing/allied activities

0

*110. Migrated to other states for fishing/allied activities - to which state

▼

*111. In - fisheries co-operatives

0

*112. In - fish farmer producer organisations (FFPO)

0

106-108. Activities other than fishing (Govt/Pvt)

Number of male/ female/ transgender members in the family who are predominantly engaged in occupation other than fishing, fishing allied or mariculture activities (e.g., teacher, clerk). Specify in Remarks

112. In Fish Farmer Producer Organisations (FFPO)

Number of family members who are members of Fish Farmer Producer Organisations (FFPO)

*113. In - self help groups (SHGs)

0

*114. In - other co-operatives

0

*115. Aquaculture practices - type of culture

None ▼

*116. Aquaculture practices - acreage/number of units

*117. Aquaculture practices - members involved

113. In Self Help Groups (SHGs)

Specify the number of family members who have membership in Self Help Groups (SHGs)

114. In Other Co-operatives

Number of family members who are members of Co-operative Societies other than Fisheries Co-operatives. (e.g., credit societies; exclude any fisheries co-operatives)

115. Aquaculture Practices: Type of culture

- If any family member(s) are engaged in aquaculture practices, select the type, otherwise select **None**

116-117. Aquaculture Practices: Acreage/Number of units & Members involved

- Choosing **None** for question No. 115 will disable these fields.
- If any family member(s) are engaged in aquaculture/mariculture practices, provide the area of the aquaculture field in acres or specify the number of units (e.g., cages), and enter the number of family members involved.

Aquaculture Practices

*118. Aquaculture practices – whether undergone any training

☐ Yes ☐ No

*119. Whether involved in coastal agriculture?

☐ Yes ☒ No

Previous Next

118. Aquaculture Practices: Whether undergone any training

- Select **Yes** if any member has undergone any training in Aquaculture/Mariculture.
- Note training provider in Remarks

119. Whether involved in coastal agriculture

Choose **Yes** if the family is involved in coastal agriculture (crop/livestock near the coast); otherwise, choose No.

Financial details

120. Registered in any insurance scheme

- Choose all that apply.
- Select **None** if uninsured
- If **Other** is selected, this field will be enabled to specify the insurance name (eg: "Crop Insurance")

121. Other insurance

- This field enables only selecting the **Others** option (e.g., "Crop Insurance") in Field 120.

122. Beneficiary of PMMSY /PMMKSSY

- Select **Yes** if the family is a beneficiary of the Pradhan Mantri Matsya Sampada Yojana (PMMSY) or allied schemes.
- Select **No** otherwise

Household Demography, Crafts and Gears

In progress 06/07

Financial

*120. Registered in any insurance scheme

☐ Life insurance ☐ Accident insurance

☐ Vessel insurance ☐ Other ☐ None

*121. Other insurance

*122. Beneficiary of PMMSY/PMMKSSY

☒ Yes ☐ No

123. If yes, registration number

*124. Beneficiary of kisan credit card scheme

☒ Yes ☐ No

125. If yes, credit availed last year

123. If yes, Registration number

- This field will be activated if **Yes** is selected in field 122.
- Verify the document for the registration number

124. Beneficiary of Kisan Credit Card Scheme

Select **Yes** if the family is a beneficiary of a fishing/ agriculture Kisan Credit Card

125. If Yes, credit availed last year

- This field will activate if **Yes** is selected in field 124.
- Enter the amount of credit availed during the year 2024–2025

126. Amount of financial liability (Rs. in lakhs).
Select the total debt range (loans outstanding) for the family

127. Specify Debt Source
Select the debt source if the total debt (field 126) is not Zero

- Institutional: Banks/ Co-operative Societies/ NBFCs/ SHGs
- Non-institutional: Moneylenders/ auctioneers/ commission agents

131. Secondary source of income of the family
Select the secondary source of income from the list, if applicable, that contributes to less than 50% of the family's total income

132. Other Secondary Source of Income of the Family
This field enables only selecting the **Others** option in field 131

Household Demography, Crafts and Gears

*126. Amount of financial liability (Rs. in lakhs)

*127. Specify debt source

*128. Average family monthly expenditure (Rs.)

*129. Primary source of income of the family

Fishing/Allied activities

*130. Other primary source of income of the family

*131. Secondary source of income of the family

*132. Other secondary source of income of the family

*133. Annual income of the family (Rs. in lakhs)

128. Average family monthly expenditure (Rs.)

- Select one expenditure range from the list.
- Estimate based on recall (food, utilities, etc.)

129. Primary source of income of the family
Select the main source of income from the list that contributes to more than 50% of the family's total income

130. Other Primary Source of Income of the Family
This field enables only selecting the **Others** option in field 129

133. Annual income of the family (Rs. in lakhs)

- Select one range for the family's annual income.
- Cross-check with available income sources

134-135. Annual income from primary and secondary sources (Rs. in lakhs)
Select the appropriate income range for both the primary and secondary sources.

- For Primary Source, select the income range based on the source chosen in Field 129
- For Secondary Source, select the income range based on the source chosen in Field 131.
- Ensure the ranges match the options given in the Field 133

138. Fish consumption in the family/week (kg)
Select the Average weekly intake of fish

139. What percent of your monthly fish requirement is being met from open market?
This field helps to know the percentage of fish purchased, rather than self-caught.

Household Demography, Crafts and Gears

*134. Annual income from primary source(Rs. in lakhs)

1-2.5

*135. Annual income from secondary source(Rs. in lakhs)

*136. Alternate employment during fishing ban

☐ Yes ☒ No

*137. Receiving financial assistance during ban/lean period

None

*138. Fish consumption in the family/week (kg)

2-5

*139. What percent of your monthly fish requirement is being met from open market?

*140. Whether smartphone used for making payments?

☐ Yes ☒ No

136. Alternate Employment during fishing ban
Select **Yes** if the family shifts to other work during the fishing ban period

137. Receiving financial Assistance during Ban/Len period

- Select the appropriate option if any government or NGO aid is received during the ban/lean period.
- Specify the scheme in the Remarks section.
- If no financial assistance is received, select **None**.

140. Whether Smartphone used for making payments
Select **Yes** if UPI transactions or digital wallets are used.

Fishing Craft & Gears Ownership

Household Demography, Crafts and Gears

In progress 07/07

Fishing Craft & Gears Ownership

*141. Access to life saving equipment

☐ Jacket ☐ Lifebuoy ☐ Flares ☐ Others ☐ None

*142. Other life saving equipment

*143. Communication/electronic gadgets available in the craft

☐ GPS ☐ Mobile Phone ☐ Radio Phone

☐ Satellite Phone ☐ Echo Sounder

☐ Sonar Fish Finder ☐ Net Sounder ☐ AIS

☐ Transponder ☐ VMS ☐ Others ☐ None

*144. Other communication/electronic gadgets available in the craft

141. Access to Life Saving Equipment

- Multiple selections are possible.

142. Other life saving equipment

This field will be enabled only when the **Others** option is selected in field 141.

143. Communication / Electronic gadgets available in the craft

- Multiple selections are possible
- Verify functionality of the equipment

144. Other communication/electronic gadgets available in the craft

This field will be enabled only when the **Others** option is selected in field 143.

Craft Ownership - Mechanized

Household Demography, Crafts and Gears

Mechanized

*145. Type of craft

*146. Other type of craft

*147. Engine Horsepower

*148. Length

*149. Total shares

*150. Share invested

*151. Percentage

[Add New](#)

145. Type of Craft

If the family owns mechanized craft, Select the type from the list.

146. Other type of craft

This field enables only when the **Others** option is selected in field 145.

147. Engine Horse Power

Enter exact HP of the craft

148. Length

Overall length of the craft in meter
1 meter = 3.3 feet

149. Total Share

Enter the total number ownership shares (e.g. 10)

150. Share invested

Enter the household's share in the craft (e.g. 4)

151. Percentage

Percentage will be automatically calculated from fields 149 and 150. If the total number of ownership shares is 10, and the household owns 4, the percentage will be 40%.

Use this button to add more crafts

Craft Ownership - Motorized (inboard)

152. Type of craft
Select type for inboard engine craft owned if any

153. Other type of craft
This field enables only when the **Others** option is selected in field 152

154. Engine Horse Power
Enter exact HP of the craft

155. Length
Overall length of the craft in meter
1 meter = 3.3 feet

156. Total Shares
Total ownership shares (e.g. 10)

157. Share invested
Household's shares in the craft (e.g. 4)

158. Percentage
Auto-calculated from the two fields 156 and 157

Use this button to add more crafts

Craft Ownership - Motorized (outboard)

159. Type of Craft
Select type for outboard engine craft owned if any

160. Other type of craft
This field enables only when the **Others** option is selected in the field 159

161. Engine Horse Power
Enter exact HP of the craft

162. Length
Overall length of the craft in meter
1 meter = 3.3 feet

163. Total Shares
Total ownership shares (e.g. 10)

164. Share invested
Household's shares in the craft (e.g. 4)

165. Percentage
Auto-calculated from the two fields 163 and 164

Use this button to add more crafts

Craft Ownership - Non-Motorized

166. Type of Craft
Select type for non motorized craft owned if any

167. Other type of craft
This field enables only when the **Others** option is selected in field 166

168. Length
Overall length of the craft in meter
1 meter = 3.3 feet

169. Total Shares
Total ownership shares

170. Share invested

- Household's shares in the craft.
- If the craft is fully owned by the family, 1 is to be entered in Fields 169 and 170

171. Percentage
Auto-calculated from the two fields 169 and 170

Use this button to add more crafts

Household Demography, Crafts and Gears

Non-motorized

*166. Type of craft

*167. Other type of craft

*168. Length

0

*169. Total shares

0

*170. Share invested

0

*171. Percentage

0

+ Add New

Fishing Gear Ownership

172. Type of gear
Add single/multiple types of fishing gear owned by the household

173. Other type of gear
This field enables only when the **Others** option is selected in field 172

174. Number
Total units owned

175. Fully owned?

- Yes if the selected gear is 100% household-owned

176. Conservation devices used in fishing
Multiple selections are allowed. Select from the list if any of the following are used: Turtle Excluder Device/ Bycatch Reduction Device/Porpoise Incidental Gillnet

177. Whether Solar energy is used in the vessel ?
Select **Yes** if solar panels/lights are used on the craft

Use this button to add more crafts

Household Demography, Crafts and Gears

Fishing gear ownership

*172. Type of gear

*173. Other type of gear

*174. Number

0

*175. Fully owned?

☒ Yes ☐ No

176. Conservation devices used in fishing

☐ TED ☐ BRD ☐ Pingers

177. Whether solar energy is used in the vessel

☐ Yes ☐ No

+ Add New

Remarks

178. Remarks

• Enter additional information/clarifications related to any of the previous columns

• Use a backslash (\) to separate the information for each column

178. Remarks

Previous

Next

VyAS – BHARAT

Schedule II - Fishing Villages and Infrastructure

Schedule II

This schedule gathers data on each marine fishing village or habitation.

It has three parts

- **Basic details**
- **Connectivity and Infrastructure**
- **Facilities**

Part 1	Basic details	>
Part 2	Connectivity and Infrastructure	>
Part 3	Facilities	>

Part 1: Basic Details

1. Serial No.

- No entry needed.
- It numbers the village in your list.
- Verify with assignment.
- Sequential number for the household in the enumerator's assignment.

Fishing Villages and Infrastructures

In progress 01/03

Part 1

State: Kerala	District: Kannur
Taluk: Kannur	Habitation: Adhikadalayi

1. Serial no:
EN0053IN0001

2. Name of fishing village:
Edakkad

*3. Total population

0

Previous
Next

2. State, District, Taluk, Name of Fishing Village, Habitation

Shows your assigned area. Verify it.

3. Total Population

- Enter total number of people (fishers and others) get from village office.
- Action: If old data, note years in Remarks.
- Validation: Must be positive number.

Part 2: Connectivity and Fishery infrastructure

4. Whether it is a Landing Centre?

- Select **Yes** if village has a landing centre with same name for marine landings.
- Action: Visit site to confirm.

Fishing Villages and Infrastructures

In progress 02/03

Part 2

*4. Whether it is a landing centre?

☒ Yes ☐ No

*5. If not, specify the name and distance (from village) of the landing centres/fishing harbors, being used - name

*6. If not, specify the name and distance (from village) of the landing centres/fishing harbors, being used - distance

5. If Not, Name of Landing Centre/Fishing Harbour Used

- Activates if field 4 is **No**.
- Enter the distance of the landing centre which the villagers uses mostly.

6. If Not, distance (from village) of Landing Centre/ Fishing Harbour being Used

- Enter the distance to centre in 5.
- Use gadgets apps or enquiry-based information.

Part 2: Connectivity and Fishery infrastructure

7. Whether any fishing harbor under construction ?

- Select **Yes** if a new fishing harbour is under construction in the habitation
- Action: Check with fisheries dept.

*7. Whether any fishing harbor under construction?

☐ Yes ☒ No

*8. Connected by road

☒ Yes ☐ No

Bus stand/bus stop

*9. Whether exists?(if not specify the nearest one)

☒ Yes ☐ No

*10. Name

*11. Distance

9. Whether Any Bus-Stand/Bus Stop Exists?

- Select **Yes** if the village has a bus stop/ bus stand

10. If Not, Nearest Bus-Stand Name

- Activates if Field 9 is No.
- Enter the name of the nearest bus stop/ bus stand

11. If not, the nearest bus-stand/bus stop Distance(km)

- Activates if Field 9 is **No**.
- Enter the distance of the nearest bus stop/ bus stand in km

Part 2: Connectivity and Fishery infrastructure

12. Whether connected by rail?

Select **Yes** if the village is connected by rail

Railway station

*12. Whether connected by rail?(if not specify the nearest station)

☐ Yes ☒ No

*13. Name

*14. Distance

Previous

Next

13. If Not, Nearest Railway Station Name

- Activates if Field 12 is **No**.
- Enter the name of the nearest railway station

14. If not, the nearest railway station and its Distance(km):Distance (km)

- Activates if Field 12 is No.
- Enter the distance of the nearest railway station in km

Part 3: Facilities

15-19. Number of educational Institutions
Enter the number of educational Institutions on the corresponding fields.

< Fishing Villages and Infrastructures

In progress 03/03

Part 3

Number of educational institutions

*15. Child care centers (Anganwadis)

*16. Primary

*17. Secondary

*18. College

*19. Technical institutions

*20. Whether hospitals/PHC/dispensaries exist in the village?

☒ Yes ☐ No

20. Whether Hospitals/PHC/Dispensaries Exist?

Select **Yes** if the village has hospitals/ PHC/dispensaries

Part 3: Facilities

21. If not, distance to nearest Health facility.

- Activates if Field 20 is **No**.
- Enter the distance of the nearest hospital/PHC in km (Example: 3 km to PHC).

*21. If not, distance to nearest health facility

*22. Whether state fisheries department office in the village?

☐ Yes ☒ No

*23. Traditional fisheries management/dispute settlement institutions in the village

☐ Yes ☒ No

22. Whether State Fisheries Department Office in the village?

- Select **Yes** if the village has any state fisheries department office.

23. Traditional fisheries management / dispute settlement institutions in the village

- Select **Yes** if the village has any Traditional fisheries management / dispute settlement institutions

Part 3: Facilities

< Fishing Villages and Infrastructures

No. of banks

*24. Commercial banks

*25. Regional rural banks

*26. Cooperative banks

*27. Microfinance institutions

*28. No. of fisheries co-operative societies

*29. No. of other co-operative societies

*30. Post office

☐ Yes ☒ No

24-29. Number of banks
Enter the number of banks on the corresponding fields.

30. Post office
Select **Yes** if Post office exists in the village

Part 3: Facilities

< Fishing Villages and Infrastructures

31. Library
Select **Yes** if any Library exists in the village.

*31. Library

☐ Yes ☒ No

32. Public Distributions System (PDS)
Select **Yes** if Public Distributions System (PDS) exists (Eg: Ration shop)

*32. Public distributions system (PDS)

☐ Yes ☒ No

*33. Govt. approved e-facilitation center/ village knowledge centres

☐ Yes ☒ No

33. Govt. approved e-facilitation center/ Village Knowledge Centres
Select **Yes** if Govt. approved e-facilitation center/ Village Knowledge Centres exists

*34. Police station/ aid post

☐ Yes ☒ No

34. Police station/ Aid Post
Select **Yes** if Police station/ Aid Post exists

*35. No. of community centres

35. No. of community centres
Enter number of community centres

Part 3: Facilities

36. Garbage management facility
Select **Yes** if any common Garbage management facility is available

37. NGO (Assisting Fishers) (Number).
Enter number of NGOs working in the village to assist the fishermen

40. Cyclone shelter
Select **Yes** if cyclone shelter available in the village

< Fishing Villages and Infrastructures

*36. Garbage management facility
☐ Yes ☒ No

*37. NGO (assisting fishers) (number)

*38. Whether berthing facilities available?
☐ Yes ☒ No

*39. No. of petrol/diesel bunks

*40. Cyclone shelter
☐ Yes ☒ No

38. Whether berthing facilities available ?
Select **Yes** if berthing facilities available for fishing craft in the village

39. No. of petrol/diesel bunks
Enter number of petrol/diesel bunks

Part 3: Facilities

41. Seawall structure/break water facilities available
Select **Yes** if Seawall structure/break water facilities available in the village

42. Shortest distance to the household/ residential area from the high tide line(m)
Enter the Shortest distance to the household/ residential area from the high tide line in meter

44. Whether aqua tourism facilities exist ?
Select **Yes** if any aqua tourism facilities exist in the village

45. Common toilet facilities
Select **Yes** if any Common toilet facilities exist in the village

< Fishing Villages and Infrastructures

*41. Seawall structure/break water facilities available
☐ Yes ☒ No

*42. Shortest distance to the household/residential area from the high tide line (m)

*43. Change in status of shoreline
☐ Stable ☐ Sand deposit ☐ Erosion

*44. Whether aqua tourism facilities exist?
☐ Yes ☒ No

*45. Common toilet facilities
☐ Yes ☒ No

46. Remarks

Previous Next

43. Change in status of shoreline
Select status of the shoreline of the village from the list.
Stable : if the shore line has not much change
Sand deposit : if more sand is deposited regularly at the beach
Erosion : if sand is washed away from the beach

46. Remarks

- Add notes.
- Example: "Erosion hitting harbour."
- Action: Validate counts from office. If shoreline change, photo may be separately shared.

Summary

<

Summary

Part 1

>

Part 2

>

Part 3

>

Submit

Save As Draft

Definitions for Reference

This reference provides detailed, exhaustive definitions for key terms, options, and concepts used in Form/Schedule 1. It expands on manual instructions for training/supervision, with enhancements for clarity, precision, and alignment with Indian marine fisheries contexts (e.g., classifications from CMFRI and Department of Fisheries). Terms are alphabetized for quick lookup.

A

- **Aadhaar Linked Phone Number:** A 10-digit mobile number registered to an Aadhaar card for verification purposes. Used as a proxy ID if the full Aadhaar number is unavailable, ensuring data linkage for government schemes. Example: In Kerala fishing communities, this is often used to access PMMSY subsidies for gear upgrades.
- **Accident Insurance:** A policy covering injuries or deaths resulting from accidents, such as fishing mishaps at sea. Excludes general health or life coverage. Example: Group accident insurance under PMMSY for fishers involved in trawling operations off Maharashtra coast.
- **Adult:** A person aged 18 years or older, per legal standards for employment, voting, and scheme eligibility. Example: Adult males in Tamil Nadu often engage in full-time gill netting.
- **AIS (Automatic Identification System):** A maritime VHF transceiver system for vessel tracking, collision avoidance, and identification, mandatory for larger mechanized crafts under Indian regulations. Example: Installed on purse seiners in Goa to monitor movements in the Arabian Sea.
- **Annapurna Yojana (AY):** A ration scheme providing 10 kg of free grain per month to seniors aged 65+ without pensions; associated with white ration cards. Example: Elderly fishers in West Bengal hamlets relying on this for food security during lean fishing seasons.
- **Aquaculture:** The controlled farming of aquatic organisms like fish, shrimp, or seaweed. Sub-types include:
 - **Coastal Aquaculture:** Farming in near-shore brackish or saline environments, such as shrimp ponds. Example: Vannamei shrimp farming in Andhra Pradesh coastal ponds.
 - **Mariculture:** Open-sea farming using cages or rafts. Example: Mussel farming on rafts in Kerala backwaters.

- **Auctioneers/Commission Agents:** Intermediaries at fish landing centers who facilitate bidding and sales, typically earning 2–5% commission. Example: Agents at Sassoon Dock in Mumbai auctioning drift gillnet-caught pomfret.
- **Average Family Monthly Expenditure:** The total household spending on essentials (food, utilities, education) averaged over 12 months, excluding savings or investments. Example: A Gujarat fishing family spending Rs. 8,000 monthly on fuel for motorized crafts and market-bought fish during bans.

B

- **Bag Net/Dol Net:** Fixed or drifting conical nets used for capturing fish in currents; Dol nets are specific to northwest India. Per CMFRI, classified as bag nets under fixed gears. Example: Dol nets operated from mechanized boats in Maharashtra for Bombay duck fishery.
- **BRD (Bycatch Reduction Device):** Modifications to fishing gears to allow escape of non-target species like juveniles or turtles. Example: BRDs in trawl nets along Tamil Nadu coast to reduce juvenile shrimp bycatch.
- **Blue/Orange Ration Card:** Above Poverty Line (APL) cards providing subsidized grains (e.g., 35 kg/month at Rs. 2–3/kg). Example: Issued to OBC fishing families in Odisha for accessing rice during monsoon fishing bans.

C

- **Card Type Details:** Alternative identification documents: State Department of Fisheries Card (fisher-specific ID), Voters ID (EPIC for electoral purposes), Ration Card (for food security). Example: Fisheries ID cards used by Andhra Pradesh fishers to register mechanized trawlers.
- **Catamaran:** A traditional non-motorized twin-hull craft made of logs tied together, per CMFRI classification under traditional crafts. Common in south India for near-shore operations. Example: Kattumaram in Tamil Nadu used for deploying gill nets for sardines.
- **Children:** Persons under 18 years; sub-divided by age for assessing vulnerability and scheme eligibility.
 - **Up to 5 Years:** Infants and toddlers (0–5 years). Example: Children in Kerala fishing villages benefiting from Anganwadi nutrition programs.
 - **Above 5 Years:** School-age children (6–17 years). Example: Adolescent girls in Maharashtra learning net mending as allied activity.

- **Coastal Agriculture:** Farming activities in tidal or saline coastal zones, often integrated with fisheries. Example: Pokkali rice-shrimp farming in Kerala coastal paddies.
- **Conservation Devices:** Eco-friendly modifications to gears to minimize environmental impact.
 - **PINGERS:** Acoustic deterrents on nets to prevent dolphin entanglements. Example: Used in gill nets along Odisha coast to protect Irrawaddy dolphins.
 - **TED (Turtle Excluder Device):** Grids in trawl nets to allow turtles to escape. Example: Mandatory in trawl nets off Tamil Nadu to protect olive ridley turtles.
- **Curing/Drying:** Post-harvest preservation techniques involving salting and sun-drying of fish. Example: Drying of ribbonfish on bamboo racks in Gujarat fishing villages.

D

- **Divyang (Person with Disability):** As per RPWD Act 2016, includes 21 types of disabilities (e.g., locomotor, visual, intellectual) that impact daily life or work. Example: A fisher in Karnataka with limb disability from a boating accident, eligible for assistive devices under schemes.
- **Dugout Canoe:** A traditional non-motorized craft hollowed from a single log, classified by CMFRI as a basic traditional craft. Example: Used in Odisha for near-shore hook and line fishing for mackerel.
- **Dolnetter:** A mechanized vessel specifically designed for operating dol nets, per Indian administrative classification. Example: Wooden dolnetters in Maharashtra targeting Bombay duck in the Arabian Sea.

E

- **Echo Sounder/Sonar Fish Finder:** Underwater sonar devices for detecting water depth and fish schools. Example: Installed on gillnetters in Kerala to locate sardine shoals.
- **Educational Levels (Highest Attained Only):**
 - **Below Primary:** Less than Class 5 completed (e.g., Classes 1–4 or dropouts). Example: Many traditional fishers in rural Gujarat have this level due to early involvement in fishing.
 - **Graduate & Above:** Bachelor's, Master's, or PhD degrees, including ongoing studies. Example: A fisheries graduate in Tamil Nadu managing a cooperative for purse seining.

- **Higher Secondary:** +2/12th/Intermediate level. Example: Youth in Andhra Pradesh completing this before joining mechanized trawling crews.
 - **Illiterate:** Unable to read or write a simple message in any language, per Census definition. Example: Elderly women in West Bengal fish markets who rely on verbal transactions.
 - **Literate Without Level:** Basic literacy acquired without formal schooling. Example: Self-taught fishers in Odisha reading gear labels.
 - **Matric/Secondary:** 10th standard pass. Example: Common among motorized craft operators in Maharashtra.
 - **Middle:** Classes 6–9 completed (pre-10th). Example: Adolescent boys in Kerala dropping out to assist in boat seine operations.
 - **Non-Technical Diploma:** Vocational certificates below degree level (e.g., short courses in tailoring). Example: Women in fishing SHGs in Tamil Nadu with diplomas in fish processing.
 - **Primary:** Class 5 pass exactly. Example: Basic education for children in remote Andaman fishing hamlets.
 - **Technical Diploma:** Skill-based certificates below degree (e.g., ITI in welding for boat repairs). Example: Mechanics in Karnataka repairing outboard motors.
- **Electricity Board:** State-owned grid electricity supply (e.g., TNEB in Tamil Nadu). Example: Used in Gujarat fishing villages for powering ice plants during peak landing seasons.
 - **Engaged in Processing:** Industrial or artisanal value-addition to fish, such as canning or filleting. Example: Women in Kerala processing sardines into fillets for export.

F

- **Fiber/Thermocol:** Modern materials for non-motorized crafts; Fiber (FRP - Fiberglass Reinforced Plastic) for durable hulls, Thermocol (styrofoam) for low-cost rafts, per CMFRI. Example: FRP boats in Andhra Pradesh replacing traditional wooden canoes for durability in rough seas.
- **Financial Liability:** Total outstanding debt, including principal and interest.
 - **Institutional:** Loans from regulated sources like banks or cooperatives (low interest). Example: NABARD loans for purchasing purse seiners in Goa.
 - **Non-Institutional:** Informal loans from moneylenders (high interest). Example: Short-term borrowings by Tamil Nadu fishers for net repairs during monsoons.

- **Fishing Allied Activities:** Pre- or post-harvest activities linked to fisheries, excluding primary catching. Example: Net mending in Maharashtra villages as a women's SHG activity.
- **Fishable Duration:** The number of operational days in a year excluding bans or monsoons (approximately 240 days). Example: Reduced to 180 days in Kerala due to annual trawl ban from June to July.
- **Fish Consumption:** The edible weight of fish consumed weekly (whole fish equivalent). Example: A family in Odisha consuming 3 kg/week from self-caught anchovies.
- **Fish Seed:** Juvenile fish, crabs, or shrimp for stocking in harvesting or farming. Example: Collection of wild prawn seeds in Sundarbans for coastal aquaculture.
- **Flare:** Pyrotechnic distress signals for maritime emergencies. Example: Carried on mechanized trawlers in the Bay of Bengal for signaling during cyclones.
- **FFPO (Fish Farmer Producer Organisation):** Farmer-owned collectives for marketing, credit, and input procurement. Example: FFPOs in Andhra Pradesh aggregating shrimp from coastal farms for export.
- **Full-Time Fishing:** Engagement in fishing for $\geq 90\%$ of fishable days, per CMFRI effort estimates. Example: Trawler crews in Veraval, Gujarat, operating year-round except during bans.
- **4 Wheeler:** Owned vehicles like cars or tractors. Example: Used by fish traders in Mumbai to transport catch from landing centers.

G

- **General (Caste Category):** Non-reserved castes without reservation benefits. Example: General category fishers in Kerala operating large purse seiners.
- **Gill Net/Gillnetter:** Mesh nets that entangle fish by gills; gillnetter is the vessel type. Per CMFRI, classified as passive gears with sub-types like drift and bottom-set. Example: Drift gill nets (Podu valai) in Tamil Nadu for catching Indian mackerel.
- **GPS:** Global Positioning System for navigation and location tracking. Example: Used on motorized canoes in Karnataka to mark fishing grounds.
- **Green Ration Card:** Below Poverty Line (BPL) variant for coastal poor, providing higher subsidies. Example: Issued to SC/ST fishing families in Odisha for 35 kg rice/month.

H

- **Harvesting Other Marine Organisms:** Collection of non-fish species like bivalves, crabs, or seaweed. Example: Seaweed harvesting (Kappaphycus) by women in Tamil Nadu Mandapam area.
- **Head Load Workers:** Manual porters carrying fish catch from boats to markets. Example: Women in Kerala carrying baskets of sardines from beach landings.
- **Hook & Line/Liner:** Baited lines for catching fish; liner is the vessel for longlines. As per CMFRI/CIFT, classified under hooks and lines. Example: Pole and line fishing for skipjack tuna in Lakshadweep.
- **Household:** A group of kin sharing a common kitchen and meals (not just residents of a house). Example: Extended families in Gujarat sharing income from dol net operations.
- **Household Assets:** Durable goods indicating socio-economic status (e.g., via Socio-Economic Caste Census). Example: Ownership of a 2-wheeler in Andhra Pradesh for transporting gears to the shore.
- **House Type:**
 - **Kutcha:** Impermanent structures made of mud, bamboo, or thatch. Example: Thatched huts in Odisha fishing hamlets vulnerable to cyclones.
 - **Pucca:** Permanent buildings with brick or RCC construction. Example: Concrete homes in developed Kerala fishing colonies under housing schemes.
 - **Semi Pucca:** Hybrid with pucca walls and kutcha roof. Example: Semi-pucca houses in Tamil Nadu with tiled roofs for storing dried fish.

I

- **Illiterate:** Per Census, unable to read/write in any language. Example: Traditional fishers in remote Andaman tribes relying on oral knowledge for trap fishing.
- **Institutional Debt:** See Financial Liability.
- **Iron Built:** Steel-hulled motorized crafts for durability in rough seas. Example: Iron trawlers in Maharashtra for deep-sea operations.

K

- **Kisan Credit Card:** RBI scheme providing low-interest credit for agriculture and fisheries. Example: Used by Karnataka fishers to finance outboard motor purchases.
- **Kutcha:** See House Type.

L

- **Labourer:** Unskilled workers assisting in loading/unloading or gear handling. Example: Casual laborers at Chennai fishing harbor sorting trawl catch.
- **Land Area (Cent):** Owned land measured in cents (1 cent = 435.6 sq ft; common unit in south India). Example: 5 cents owned by a Kerala family for homestead and small pond aquaculture.
- **Lean Period:** Seasons of low fish catch, such as monsoons. Example: July-September in West Bengal when bag net operations halt due to rough weather.
- **Lifebuoy:** Floating ring device for rescuing persons overboard. Example: Mandatory on all mechanized crafts in Indian EEZ for safety.
- **Life Jacket:** Personal flotation vests for buoyancy. Example: Worn by fishers on catamarans in Tamil Nadu during rough seas.
- **Life Insurance:** Policies providing benefits upon death. Example: PMJJBY coverage for fishers in Gujarat against sea accidents.
- **Liner:** See Hook & Line.

M

- **Making/Repairing Net:** Fabrication or mending of fishing nets as an allied activity. Example: Women in Odisha SHGs repairing gill nets for sardine fishery.
- **Mariculture:** See Aquaculture.
- **Mechanized:** Crafts powered for propulsion and operations (>10 HP engines), per CMFRI classification. Examples include trawlers and purse seiners. Example: 13m trawlers in Kerala for bottom trawling.
- **Motorized Inboard:** Engines inside the hull. Example: IBM plank boats in Andhra Pradesh for gill netting.
- **Motorized Outboard:** External attached engines. Example: OBM dugout canoes in Odisha for near-shore fishing.
- **Migration:** Temporary or permanent movement for work (>1 month). Example: Seasonal migration of Tamil Nadu fishers to Kerala for purse seining during peaks.
- **Mixer/Washing Machine:** Household appliances for kitchen or laundry. Example: Used in affluent Maharashtra fishing homes for processing home-caught fish.
- **Mobile Phone/Radio Phone:** VHF radios for ship-to-shore communication; mobiles for basic use. Example: VHF on trawlers in Goa for weather alerts.

- **Motorized:** Traditional crafts with engines (<10 HP or small), per CMFRI. Example: Motorized catamarans in Kerala for improved mobility in drift netting.

N

- **Net Sounder:** Sonar for monitoring net depth during operations. Example: Used on purse seiners in Karnataka to optimize encircling.
- **Nil:** Zero or none. Example: Nil income from secondary sources for full-time trawler operators in Gujarat.
- **Non-Farm Wage:** Casual labor outside agriculture/fisheries. Example: Construction work by fishers in Tamil Nadu during fishing bans.
- **Non-Institutional Debt:** See Financial Liability.
- **Non-Motorized:** Manually propelled crafts (oars/sails), classified as traditional by CMFRI. Example: Masula boats in Andhra Pradesh for beach seine operations.
- **Non-Technical Diploma:** See Educational Levels.

O

- **OBC:** See Category.
- **Open Market:** Private or non-cooperative sales points for purchasing fish. Example: Buying supplementary fish from Chennai markets when self-catch is low.
- **Outrigger Canoe:** Canoes stabilized with outriggers, a traditional variant. Example: Used in Lakshadweep for pole and line tuna fishing.
- **Others:** Catch-all category; always specify details. Example: "Others" gear like traps for crabs in Sundarbans.

P

- **Part-Time Fishing:** Engagement <90% of fishable days; supplementary activity. Example: Farmers in Kerala fishing part-time with boat seines during off-seasons.
- **Pink/Red Ration Card:** APL variants in some states for moderate subsidies. Example: Held by OBC families in Andhra Pradesh for wheat access.
- **Plank Built/Plywood Boat:** Wooden hulls assembled from planks or plywood, per CMFRI traditional crafts. Example: Plank boats in southern Kerala for operating Thangu vala (boat seines).

- **PMMSY (Pradhan Mantri Matsya Sampada Yojana):** 2020–2025 central scheme for fisheries infrastructure, subsidies, and sustainability. Example: Subsidies for VMS installation on deep-sea vessels in Maharashtra.
- **PMMKSSY:** Allied scheme to PMMSY for fisher welfare (Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana); provides safety kits and training. Example: Distribution of life jackets to artisanal fishers in Odisha.
- **Pole & Line:** Fishing with bamboo poles and baited hooks for pelagic fish. Example: Sustainable tuna fishing in Minicoy, Lakshadweep.
- **Porpoise Incidental:** Refers to bycatch of porpoises; mitigated by PINGERS. Example: Incidental catch in gill nets along east coast, addressed by acoustic devices.
- **Preprocessing:** Initial cleaning like gutting, peeling, or cutting. Example: Peeling prawns at landing sites in Andhra Pradesh before icing.
- **Primary Source of Income:** Contributing >50% of annual earnings. Example: Trawling as primary for families in Veraval, Gujarat.
- **Pucca:** See House Type.
- **Purse Seiner/Ring Seiner:** Vessels using encircling nets that purse at the bottom. Per CIFT/CMFRI, mechanized gear for pelagic fish. Example: Ring seiners in Karnataka targeting oil sardines.

R

- **Ration Card Types:**
 - **White:** For Annapurna Yojana (see AY).
 - **Yellow:** Priority for poorest households. Example: Yellow cards for SC fishers in Tamil Nadu providing free grains.
- **Religion:** Major faiths; self-identified by the household head. Example: Christian fishing communities in Kerala specializing in boat seine fisheries.
- **Ring Seiner:** See Purse Seiner

S

- **Salary:** Fixed pay from government or private jobs. Example: Fisheries department employees in Mumbai overseeing landing data.
- **SC/ST:** See Category.

- **Secondary Source:** Contributing 10–50% of earnings. Example: Fish drying as secondary for gill net fishers in Odisha.
- **Seaweed Collection:** Harvesting marine algae for food, feed, or industry. Example: Gracilaria collection by divers in Gulf of Mannar, Tamil Nadu.
- **Self Help Groups (SHGs):** Microfinance groups of 10–20 members, often women-led, for savings and credit. Example: SHGs in Kerala marketing cured fish products.
- **Semi Pucca:** See House Type.
- **Share Invested/Total Share:** Fractional ownership in crafts or gears (e.g., 1/4 share = 25%). Example: Joint ownership of a trawler among four families in Maharashtra.
- **SHGs:** See Self Help Groups.
- **Smartphone for Payments:** Use of digital platforms like UPI for transactions. Example: Fish auction payments via PhonePe at harbors in Andhra Pradesh.
- **Solar:** Off-grid solar panels; "with EB" for hybrid systems. Example: Solar-powered lights on non-motorized crafts in remote Odisha villages.
- **Sonar Fish Finder:** See Echo Sounder.
- **Source of Drinking Water:** Primary potable source (>50% usage). Example: Borewells in saline-affected Gujarat fishing areas.
- **ST:** See Category.
- **Satellite Phone:** Devices like Iridium for communication in remote seas. Example: Used by deep-sea fishers in Andaman for distress calls.

T

- **Technical Diploma:** See Educational Levels.
- **TED:** See Conservation Devices.
- **Thermocol:** See Fiber/Thermocol.
- **Toilet Facility:** Functional latrines (pit or flush) per Swachh Bharat Mission. Example: Community toilets in Kerala fishing clusters.
- **Traditional Fisherman:** Individuals from communities with fishing as hereditary occupation (≥ 3 generations). Example: Mukkuva community in Tamil Nadu using traditional catamarans.
- **Transgender:** Third gender per Supreme Court NALSA judgment; self-identified. Example: Inclusion in fisheries schemes for marginalized groups in urban Mumbai.

- **Transponder/VMS:** Vessel Monitoring System for tracking; transponders for satellite-based location. Example: VMS on vessels >20m in Indian EEZ to prevent IUU fishing.
- **Trawler:** Mechanized vessel for dragging trawl nets, per CMFRI. Example: Bottom trawlers in Kerala targeting threadfin breams.
- **Trawl Net:** Cone-shaped nets dragged on seabed or mid-water. Example: Pair trawling for prawns in the Bay of Bengal off Andhra Pradesh.

V

- **Vessel Insurance:** Marine policies covering hull and cargo. Example: Insurance for purse seiners in Goa against storm damage.
- **VHF Radio Phone:** See Mobile Phone/Radio Phone.

W

- **Well/Hand Pump/Tubewell/Borewell:** Groundwater extraction sources; focus on potability. Example: Hand pumps in Tamil Nadu villages amid saline intrusion.
- **White Ration Card:** See ration card
- **Wooden Built:** Timber-constructed motorized crafts. Example: Wooden gillnetters in Maharashtra for coastal operations.
- **Wheeler:** Vehicles (2-wheeler: bikes; 3-wheeler: autos; 4-wheeler: cars). Example: 3-wheelers used in Odisha for transporting bag net catch

Y

- **Yellow Ration Card:** See Ration Card Types.

Quick Reference

No.	Instruction	No.	Instruction
1	Sequential number for the household	24	If any member has any disability as recognized under government guidelines. This includes both visible and non-visible disabilities that may impact daily activities or work.
2	Household location	25	Any death due to COVID pandemic during 2020-2022.
3	House number provided by any local body – (Panchayat, Municipality, or Corporation).	26	Any family member who has had or currently has a life-threatening disease or required urgent/intensive medical treatment to survive.
4	A house can have multiple households, defined by sharing a common kitchen.	27	Any family member died in accident during fishing in last 5 years since Nov 1, 2020
5	Full name of the primary decision-maker or eldest member	28	Any of the family member experienced a physical or mental disability caused by an accident while fishing
6	If head of the family is born in the current state		
7	If not from current state, native state of the head of the family	29	Type of the house Kutcha: A temporary structure with non-permanent walls and roofs. Pucca: A permanent house with solid walls and robust roofs. Semi-Pucca: A house with fixed pucca walls but a non-permanent roof.
8	Gender of the head of the family	30	Whether the house is fully owned by the family, with no rent
9	Age of the head of the family	31	If the house is situated within 100m distance from the sea (Distance to high-tide line).
10	Choose either Aadhaar No. or Aadhaar linked phone number	32	Total number of rooms in the house, including the kitchen. Excluding verandas.
11	Aadhaar No. or Aadhaar linked phone number based on Q. 10	33	Range of land owned by the family in cents. 1 cent = 435 sq. ft 40 sq. m 0.01 acre
12	Card type - State Department Fisheries card, Voters Id, Others, Prioritize fisheries-specific card	34	Primary source of drinking water (the one used the most (> 50%))
13	Number of the chosen card	35	If a functional toilet (inside or outside) is available
14	This field will be enabled only if Others (specify) is selected in Field 12, to enter the type of card	36	Main source of electricity (Solar for off-grid only)
15	Ration card type (pink, white, yellow etc.)	37	Assets present in the house that are functional
16	Number of the chosen Ration card	38	Religion of the head of the family
17-18	No. of male/female adults (18+ years)	39	Name of the religion if "Others" is selected
19	Total number of transgender persons (if any) in the family, across all ages	40	Full name of the caste of the head of the family
20-21	No. of male/female children with > 5 and < 18 years	41	Caste category of the head of the family as per the government classification
22-23	No. of male/female children (0-5 years)	42	Traditional fishermen are those who are fishermen by birth and fishing is their ancestral occupation

No.	Instruction	No.	Instruction
43-45	Number of male/female/transgender members can read and write without having formal schooling.	88-90	Number of male/ female/ transgender members in the family who are engaged in making/repairing net
46-48	Number of male/female/transgender members who are studying or have studied below primary level (< Class 5).	91-93	Number of male/female/transgender members in the family engaged in curing/drying (post-harvest processors)
49-51	Number of male/female/transgender members who have passed exactly Class 5 (not beyond)	94-96	Number of male/ female/ transgender members in the family engaged in Peeling, Gutting, Cutting and processing.
52-54	Members (Male/Female/ Transgender) enrolled in/passed Classes 6–9 (excluding 10th)	97-99	Number of male/female/transgender members engaged in open sea cage culture
55-57	Number of male/female/transgender members who have passed exactly 10th standard (not higher)	100-102	Number of male/female/transgender members working as Labourers. (Head load workers, helpers etc. at the landing centres)
58-60	Number of male/female/transgender members who have passed higher secondary (+2/12th) but not a degree.	103-105	Number of male/female/transgender members who are working as Auctioneers/ Commission agents in landing centres
61-63	Number of male/female/transgender members who have passed a non-technical diploma or certificate course which are not equal to Degree	106-108	Number of male/ female/ transgender members in the family who are engaged in occupation other than fishing, fishing allied or mariculture activities (e.g., teacher, clerk).
64-66	Number of male/female/transgender members who have passed Technical diploma/ Certificate course which are not equal to Degree	109	Enter the number of members migrated to other states for fishing or fishing allied activities.
67-69	Number of male/female/transgender members who have passed Graduation or higher education	110	Activated only if value of Q. No. 109 is non-zero. Select the state from the list to where the member(s) of the family migrated for fishing or allied activities
70-72	Number of male/female/transgender members who are illiterate (unable to read/write).	111	Number of family members who have membership in Fisheries Co-operative Societies
73-75	Number of male/ female/ transgender members involved in full time fishing. Includes who spend at least 90% of the fishable duration in a calendar year.	112	Number of family members who are members of Fish Farmer Producer Organisations (FFPO)
76-78	Number of male/female/transgender members involved in part time fishing (Who spend less than 90% of the fishable duration in a calendar year.	113	Number of family members who have membership in Self Help Groups (SHGs)
79-81	Number of male/ female/ transgender members in involved in full time seaweed collection.	114	Number of family members who are members of Co-operative Societies other than Fisheries Co-operatives
82-84	Number of male/female/transgender members who are engaged in harvesting of other marine organism like Bivalves/ ornamental fish/shells/crabs/fish seed	115	If any family member(s) are engaged in aquaculture practices, select the type, otherwise select None
85-87	Number of male/ female/ transgender members in the family who are engaged in marketing of fish.	116-117	Choosing None for question No. 115 will disable these fields. If any family member(s) are engaged in aquaculture/mariculture practices, provide the area of the aquaculture field in acres or specify the number of units (e.g., cages), and enter the number of family members involved.

No.	Instruction	No.	Instruction
118	Select Yes if any member has undergone any training in Aquaculture/Mariculture.	136	Select Yes if the family shifts to other work during the fishing ban period
119	Choose Yes if the family is involved in coastal agriculture (crop/livestock near the coast).	137	Select the appropriate option if any government or NGO aid is received during the ban/lean period. Specify the scheme in the Remarks section.
120	Choose all that apply. Select None if uninsured If Other is selected, this field will be enabled to specify the insurance name	138	Select the Average weekly intake of fish
121	This field enables only selecting the Others option in Field 120.	139	This field shows the percentage of fish purchased instead of self-caught.
122	Select Yes if the family is a beneficiary of the Pradhan Mantri Matsya Sampada Yojana (PMMSY) or allied schemes.	140	Select Yes if UPI transactions or digital wallets are used.
123	This field will be activated if Yes is selected in field 122. Check the document to obtain the registration number.	141	Multiple selections are possible.
124	Select Yes if the family is a beneficiary of a fishing/ agriculture Kisan Credit Card	142	This field will be enabled only when the Others option is selected in field 141.
125	This field will activate if Yes is selected in field 124. Enter the amount of credit availed during the year 2024–2025	143	Multiple selections are possible Verify functionality of the equipment
126	Select the total debt range (loans outstanding) for the family	144	This field will be enabled only when the Others option is selected in field 143.
127	Select the debt source if the total debt (field 126) is not Zero.	145	If the family owns mechanized craft, Select the type from the list.
128	Select one expenditure range from the list.	146	This field enables only when the Others option is selected in field 145.
129	Select the main source of income from the list that contributes to more than 50% of the family's total income	147	Enter exact HP of the craft
130	This field enables only selecting the Others option in field 129	148	Overall length of the craft in meter 1 meter = 3.3 feet
131	Select the secondary source of income from the list, if applicable, that contributes to less than 50% of the family's total income	149	Enter the total number ownership shares (e.g. 10)
132	This field enables only selecting the Others option in field 131	150	Enter the household's share in the craft (e.g. 4)
133	Select one range for the family's annual income. Cross-check with available income sources	151	Percentage will be automatically calculated from fields 149 and 150. If the total number of ownership shares is 10, and the household owns 4, the percentage will be 40%.
134-135	Select the appropriate income range for both the primary and secondary sources. For Primary Source, select the income range based on Field 129. For Secondary Source, select the range based on Field 131. Ensure the ranges match those in Field 133.	152	Select type for inboard engine craft owned if any

No.	Instruction	No.	Instruction
153	This field enables only when the Others option is selected in field 152	166	Select type for non motorized craft owned if any
154	Enter exact HP of the craft	167	This field enables only when the Others option is selected in field 166
155	Overall length of the craft in meter 1 meter = 3.3 feet	168	Overall length of the craft in meter
156	Total ownership shares	169	Total ownership shares
157	Household's shares in the craft	170	Household's shares in the craft. If the craft is fully owned by the family, 1 is to be entered in Fields 169 and 170
158	Auto-calculated from the two fields 156 and 157	171	Auto-calculated from the two fields 169 and 170
159	Select type for outboard engine craft owned if any	172	Add single/multiple types of fishing gear owned by the household
160	This field enables only when the Others option is selected in the field 159	173	This field enables only when the Others option is selected in field 172
161	Enter exact HP of the craft	174	Total units owned
162	Overall length of the craft in meter 1 meter = 3.3 feet	175	Yes if the selected gear is 100% household-owned
163	Total ownership shares	176	Multiple selections are allowed. Select from the list if any of the following are used: Turtle Excluder Device/ Bycatch Reduction Device/ Porpoise Incidental Gillnet
164	Household's shares in the craft	177	Select Yes if solar panels/lights are used on the craft
165	Auto-calculated from the two fields 163 and 164	178	Enter additional information/clarifications related to any of the previous columns. Use a backslash (\) to separate the information for each column

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Ministry of Fisheries, Animal Husbandry & Dairying
Government of India



**Marine Fisheries Census
2025**

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