

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
প্রধান বৈজ্ঞানিক কর্মকর্তার কার্যালয়
সামুদ্রিক মৎস্য জরিপ ব্যবস্থাপনা ইউনিট
সরকারি কার্যভবন-২ (৭ম তলা), আগ্রাবাদ, চট্টগ্রাম।

পত্র নং- ৩৩.০২.০০০০.৩২২.২৮.০০৩.২০-৯৭

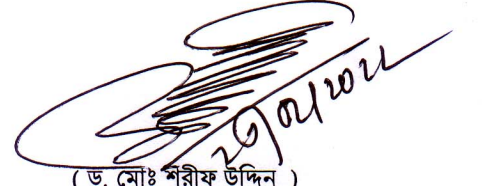
তারিখ: ২৩/০২/২০২২খ্রি:

বিষয়: চিংড়ি সার্ভে (১ম, ২য় ও ৩য়) ক্রুইজের প্রতিবেদন প্রেরণ প্রসঙ্গে।

সূত্র: মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়ের পত্র নং-৩৩.০০.০০০০.১২৯.০৪.০০৪.১৫ (খন্ড-১)-২৯২; তারিখ: ২৮/১০.২০২২ খ্রি:।

উপর্যুক্ত বিষয় ও সূত্রের প্রেক্ষিতে “Survey Design Working Group” কর্তৃক প্রণীত এবং মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয় কর্তৃক অনুমোদিত ২০২১-২২ অর্থবছরের সার্ভে ক্রুজ প্ল্যান মোতাবেক গবেষণা ও জরিপ জাহাজ ‘আর ডি মীন সন্ধানী’ কর্তৃক সম্পাদিত চিংড়ি সার্ভে (১ম, ২য় ও ৩য়) ক্রুইজসমূহের ক্রুজ লিডারগণ কর্তৃক দাখিলকৃত ক্রুইজ প্রতিবেদন এতৎসঙ্গে মহোদয়ের সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য প্রেরণ করা হলো।

সংযুক্তি: ক্রুইজ লিডারগণ কর্তৃক দাখিলকৃত ক্রুইজ প্রতিবেদন।



(ড. মোঃ শরীফ উদ্দিন)

প্রধান বৈজ্ঞানিক কর্মকর্তা
সামুদ্রিক মৎস্য জরিপ ব্যবস্থাপনা ইউনিট

ও

পরিচালক (সামুদ্রিক)

সামুদ্রিক মৎস্য দপ্তর

আগ্রাবাদ, চট্টগ্রাম।

মহাপরিচালক

মৎস্য অধিদপ্তর, বাংলাদেশ

মৎস্য ভবন, রমনা, ঢাকা।

সদয় অবগতির জন্য অনুলিপি প্রেরণ করা হলো:

- ১। যুগ্ম সচিব, ব্লু-ইকোনমি অনুবিভাগ, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ২। পরিচালক (সামুদ্রিক), সামুদ্রিক মৎস্য দপ্তর, আগ্রাবাদ, চট্টগ্রাম।
- ৩। প্রকল্প পরিচালক, সাসটেইনবল কোষ্টাল এন্ড মেরিন ফিশারিজ প্রকল্প, মৎস্য অধিদপ্তর, মৎস্য ভবন, ঢাকা।
- ৪। সচিবের একান্ত সচিব (সচিব মহোদয়ের সদয় অবগতির জন্য), মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ৫। উপ-প্রকল্প পরিচালক, সাসটেইনবল কোষ্টাল এন্ড মেরিন ফিশারিজ প্রকল্প, চট্টগ্রাম।
- ৫। সংশ্লিষ্ট নথি।

Shrimp Survey Cruise Report

Survey season 2021-22

Cruise number: **Shrimp Cruise-1 (09 to 15 January, 2022)**



Survey vessel: **RV Meen Shandhani**

Survey number: **2021202**

Report Date: **30/01/2022**

Background:

R.V. Meen Shandani went to the sea for conducting Shrimp Survey numbered 2021202 as part of the 2021-22 survey season, designed by the Survey Design Working Group (SDWG). The current cruise is designated as the 1st Leg of Shrimp Survey of this season. The cruise was scheduled to be conducted from 09-01-2022 to 15-01-2022. It went according to the schedule.

Participants/ Scientific Staffing:

The vessel was manned for this cruise by 8 scientific staffs and 24 officers & crew members. The list of personnel (scientific staffs) in this cruise is as follows:

SL No.	Name & Designation	Affiliation	Role in the cruise
01	Al Mamun, Fisheries Quarantine Officer	FQO's Office, Shah Amanat Int. Airport, Chattogram	Cruise Leader
02	Nripendra Kumar Shingah, Assistant Director	Shrimp Culture Extension Office, Cox's Bazar	Taxonomist
03	Mohammad Eusuf Hasan, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Taxonomist
04	Md. Gaziur Rahman, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
05	Sanjoy Kumar Mohanta, Marine Fisheries Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
06	Hasan Anwarul Kabir, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
07	Tamnush Bosu, Technical Officer	Sustainable Coastal and Marine Fisheries Project, Chattogram	Asst. Scientist
08	Md. Shakhawat Hossain, Reference Collection Assistant	R.V. Meen Shandhani	Research Assistant

Sampling strategy:

The cruise was planned to follow the previous guidelines and revised survey design. In this particular Shrimp survey a total of 21 stations were covered for sampling. The sampling points with covered area are given in the following map.

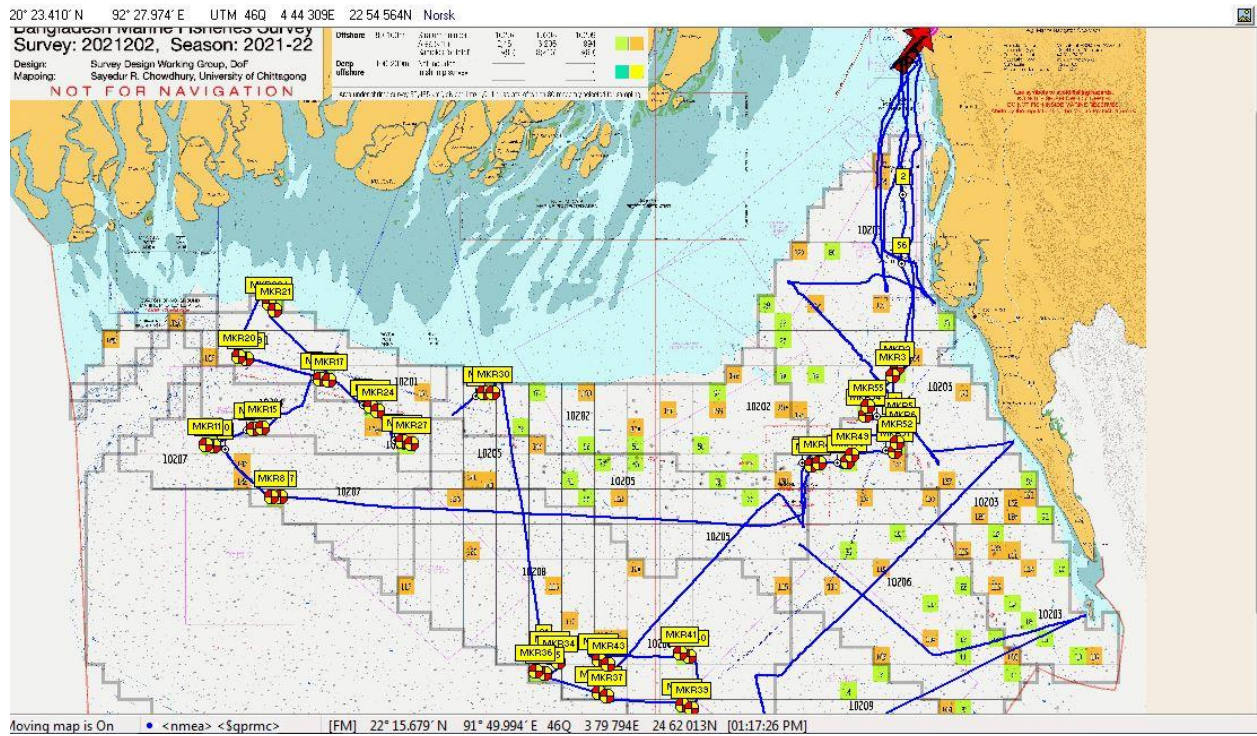


Fig. 01: Shrimp Survey Map with the covered area during the 1st leg of this survey (2021202, 2021-22 season).

All the relevant data and information regarding sampling were recorded thoroughly and put in NANSIS software server for analysis.

Results:

1. **Sampling stations and activities:** A total of 21 hauls were conducted during the 07 days survey cruise. During the studies date, time, latitude, longitude, depth, wire out etc. were recorded and inputs of these data were stored in Nansis software. After sampling the species, records of length, weight and numbers were recorded *in situ*. The details of sampling stations are given below (Table 1):

Table 01: Records of stations with latitude, longitude, stratum and depth

Date	Time (start)	Station	Latitude (dd)	Longitude (dd)	Depth (m)	Remarks
09-01-2022	13.00					On boarding
10-01-2022	06.45					Departure
10-01-2022	13.20	67	21.2922	91.7338	23	
10-01-2022	15.57	55	21.1182	91.7438	43	
11-01-2022	06.53	37	20.9265	89.8543	98	
11-01-2022	09.33	54	21.0708	89.6552	87	
11-01-2022	11.47	59	21.1207	89.7702	84	
11-01-2022	14.52	71	21.2620	89.9762	28	
11-01-2022	17.16	74	21.3175	89.7525	27	
12-01-2022	07.51	79	21.4758	89.8212	14	
12-01-2022	11.40	63	21.1845	90.1292	43	
12-01-2022	13.28	53	21.0823	90.2265	77	
12-01-2022	16.12	66	21.2220	90.4730	18	
13-01-2022	08.32	14	20.4720	90.6788	95	
13-01-2022	10.02	09	20.4267	90.6585	97	
13-01-2022	12.16	05	20.3700	90.7598	97	
13-01-2022	14.35	03	20.3363	91.0798	97	
13-01-2022	16.58	12	20.4738	91.1028	92	
13-01-2022	20.03	13	20.4630	90.8273	94	
14-01-2022	07.02	43	21.0158	91.4725	56	
14-01-2022	08.45	42	21.0253	91.58.38	58	
14-01-2022	10.42	49	21.0562	91.7305	50	
14-01-2022	12.38	61	21.1572	91.6393	37	
15-01-2022	12.30					Arrival

2. **Operation hours:** Trawling operations were conducted from early morning to late afternoon almost all working days.
3. **Hydrographic data collection:** Due to lack of CTD equipments during the survey, CTD data weren't collected.
4. **Taxonomic data collection:** All the newly recorded, unidentified and rare species were observed and taxonomic data were collected with clear, fresh pictures of the species captured by a high resolution camera for later identification.
5. **Sample collection:** For further taxonomic, gonado-somatic and biological study some species samples were collected and preserved.

Recommendations:

1. Every cruise should be started with two trained 'Taxonomist' otherwise it will be difficult to collect proper taxonomic data.
2. For further analysis of samples at different academic institutions or research laboratories, sample sending/providing protocol should be developed.

Supplies:

1. Stationary supplies should always be in surplus than is needed; binder clips are in short supply.

Annex:

Annex 1. Catch Summaries (Shrimp Survey-2021202)

---End of Report---

Reported by



Al Mamun

Cruise Leader

Shrimp Survey (2021202), Cruise #01

Dated: 30/01/2022

Reported to: PSO (Marine Fisheries Survey Management Unit)

With copies to: Next Cruise Leaders

Shrimp Survey Cruise Report

Survey season 2021-22

Cruise number: Shrimp Cruise-2 (21 to 27 January, 2022)



Survey vessel: **RV Meen Shandhani**

Survey number: **2021202**

Report Date: **17/02/2022**

Background:

R.V. Meen Shandani went to the sea for conducting Shrimp Survey numbered 2021202 as part of the 2021-22 survey season, designed by the Survey Design Working Group (SDWG). The current cruise is designated as the 2nd Leg of Shrimp Survey of this season. The cruise was scheduled to be conducted from 21-01-2022 to 27-01-2022. It went according to the schedule.

Participants/ Scientific Staffing:

The vessel was manned for this cruise by 8 scientific staffs and 24 officers & crew members. The list of personnel (scientific staffs) in this cruise is as follows:

SL No.	Name & Designation	Affiliation	Role in the cruise
01	Md. Gaziur Rahman, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Cruise Leader
02	Al Mamun, Fisheries Quarantine Officer	FQO's Office, Shah Amanat Int. Airport, Chattogram	Scientist
03	Nripendra Kumar Shingah, Assistant Director	Shrimp Culture Extension Office, Cox's Bazar	Taxonomist
04	Md. Abdus Salam Senior Upzilla Fisheries Officer	Mollahat, Begarhat	Scientist
05	Sanjoy Kumar Mohanta, Marine Fisheries Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
06	Hasan Anwarul Kabir, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Taxonomist
07	Tamnush Bosu, Technical Officer	Sustainable Coastal and Marine Fisheries Project, Chattogram	Asst. Scientist
08	Md. Md. Kamrul Islam Technical Officer	Sustainable Coastal and Marine Fisheries Project, Chattogram	Asst. Scientist

Sampling strategy:

The cruise was planned to follow the previous guidelines and revised survey design. In this particular Shrimp survey a total of 22 stations were covered for sampling. The sampling points with covered area are given in the following map.

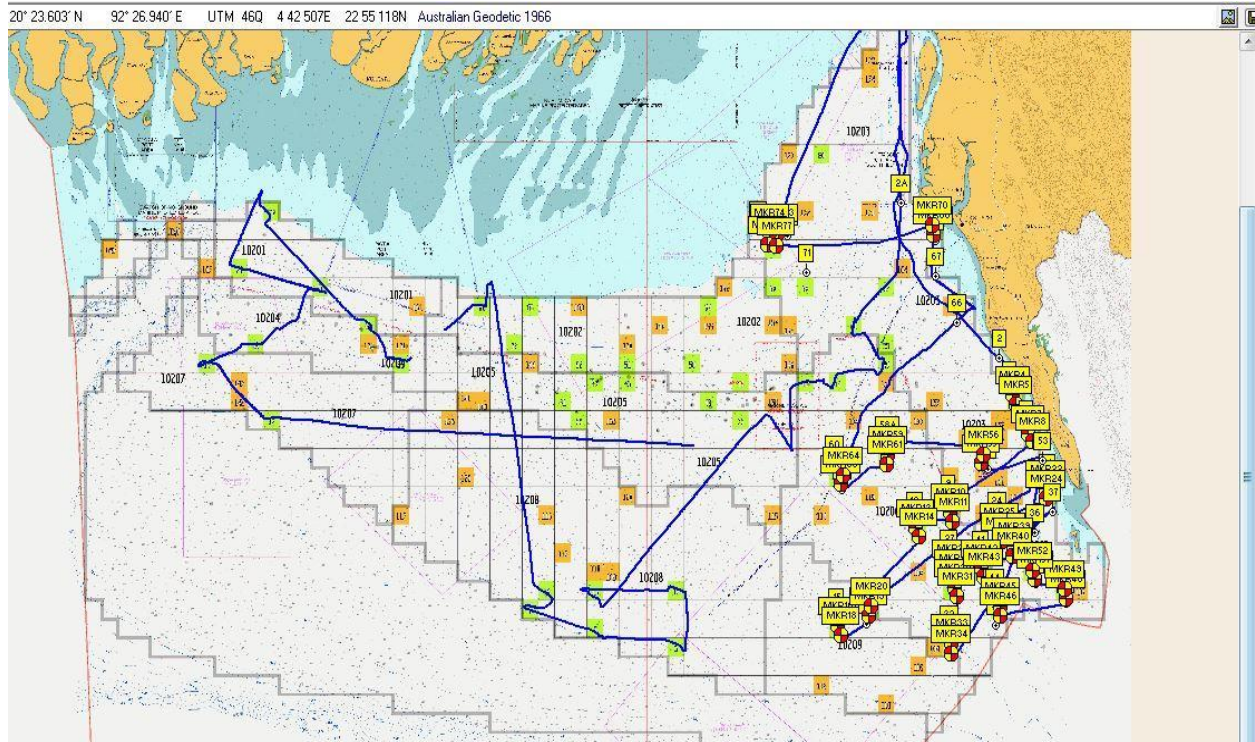


Fig. 01: Shrimp Survey Map with the covered area during the 2nd leg of this survey (2021202, 2021-22 season).

All the relevant data and information regarding sampling were recorded thoroughly and put in NANSIS software server for analysis.

Results:

- 1. Sampling stations and activities:** A total of 22 hauls were conducted during the 07 days survey cruise. During the studies date, time, latitude, longitude, depth, wire out etc. were recorded and inputs of these data were stored in Nansis software. After sampling the species, records of length, weight and numbers were recorded *in situ*. The details of sampling stations are given below (Table 1):

Table 01: Records of stations with latitude, longitude, stratum and depth

Date	Time (start)	Station	Latitude (dd)	Longitude (dd)	Depth (m)	Remarks
21-01-2022	01.30					Departure
22-01-2022	07.18	38	20.9900	92.1267	14	
22-01-2022	08.50	31	20.8873	92.1783	14	
22-01-2022	11.47	22	20.6823	91.9372	45	
22-01-2022	13.51	21	20.6417	91.8302	65	
22-01-2022	17.01	04	20.3817	91.5850	91	
22-01-2022	18.54	07	20.4083	91.6833	88	
23-01-2022	07.59	23	20.7422	92.2318	14	
23-01-2022	10.08	19	20.6302	92.0857	29	
23-01-2022	12.18	17	20.5337	91.9427	60	
23-01-2022	13.36	11	20.4832	91.9488	65	
23-01-2022	15.33	02	20.3367	91.9367	79	
24-01-2022	08.01	18	20.5932	92.1320	25	
24-01-2022	09.43	16	20.5353	92.0318	45	
24-01-2022	13.04	06	20.4350	92.7577	52	
24-01-2022	15.28	10	20.4537	92.2952	20	
24-01-2022	16.59	15	20.5045	92.1987	24	
25-01-2022	09.22	28	20.8107	92.0307	25	
25-01-2022	13.33	29	20.8330	91.7410	64	
25-01-2022	15.42	26	20.7550	91.5978	70	
26-01-2022	08.40	76	21.4102	91.8885	13	
26-01-2022	12.29	77	21.4175	91.4063	14	
26-01-2022	13.42	75	21.3865	91.3723	14	
27-01-2022	10.30					Arrival

2. **Operation hours:** Trawling operations were conducted from early morning to late afternoon almost all working days.
3. **Hydrographic data collection:** Due to lack of CTD equipments during the survey, CTD data weren't collected.
4. **Taxonomic data collection:** All the newly recorded, unidentified and rare species were observed and taxonomic data were collected with clear, fresh pictures of the species captured by a high resolution camera for later identification.
5. **Sample collection:** For further taxonomic, gonado-somatic and biological study some species samples were collected and preserved.

Recommendations:

1. Every cruise should be started with two trained 'Taxonomist' otherwise it will be difficult to collect proper taxonomic data.
2. For further analysis of samples at different academic institutions or research laboratories, sample sending/providing protocol should be developed.

Supplies:

1. Stationary supplies should always be in surplus than is needed; binder clips are in short supply.

Annex:

Annex 1. Catch Summaries (Shrimp Survey-2021202)

---End of Report---

Reported by**Md. Gaziur Rahman**

Cruise Leader

Shrimp Survey (2021202), Cruise #02

Dated: 17/02/2022

Reported to: PSO (Marine Fisheries Survey Management Unit)

With copies to: Next Cruise Leaders

Shrimp Survey Cruise Report

Survey season 2021-22

Cruise number: **Shrimp Cruise-3 (07 to 09 and 13 to 18 February, 2022)**



Survey vessel: **RV Meen Shandhani**

Survey number: **2021202**

Report Date: **22/02/2022**

Background:

R.V. Meen Shandani went to the sea for conducting Shrimp Survey numbered 2021202 as part of the 2021-22 survey season, designed by the Survey Design Working Group (SDWG). The current cruise is designated as the 3rd Leg of Shrimp Survey of this season. The cruise was scheduled to be conducted from First 07-02-2022 to 09-02-2022 and 2nd 13-02-2022 to 18-02-2022. It went according to the schedule.

Participants/ Scientific Staffing:

The vessel was manned for this cruise by 8 scientific staffs and 24 officers & crew members. The list of personnel (scientific staffs) in this cruise is as follows:

1. First 3rd Leg of Shrimp Survey:

SL No.	Name & Designation	Affiliation	Role in the cruise
01	Sanjay Kumar Mohanta, Marine Fisheries Officer	Marine Fisheries Survey Management Unit, Chattogram	Cruise Leader
02	Al Mamun, Fisheries Quarantine Officer	FQO's Office, Shah Amanat Int. Airport, Chattogram	Scientist
03	Nripendra Kumar Shingah, Assistant Director	Shrimp Culture Extension Office, Cox's Bazar	Taxonomist
04	Md. Mahmudul Islm Choudhury, Asst. Project Director	Sustainable Coastal and Marine Fisheries Project, Chattogram	Scientist
05	Hasan Anwarul Kabir, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Taxonomist
06	Mohammad Mosleh Uddin Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
07	Tamnush Bosu, Technical Officer	Sustainable Coastal and Marine Fisheries Project, Chattogram	Asst. Scientist
08	Md. Shakhawat Hossain, Reference Collection Assistant	R.V. Meen Shandhani	Research Assistant

2. Second 3rd Leg of Shrimp Survey:

SL No.	Name & Designation	Affiliation	Role in the cruise
01	Sanjay Kumar Mohanta, Marine Fisheries Officer	Marine Fisheries Survey Management Unit, Chattogram	Cruise Leader
02	Al Mamun, Fisheries Quarantine Officer	FQO's Office, Shah Amanat Int. Airport, Chattogram	Scientist
03	Md.Rashed Parvez, Assistant Director	Pilot Project on Tuna and Similar Pelagic Fishing in Deep Sea .	Taxonomist
04	Md. Imran Bulbul Siddiqi Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
05	Md. Anwar Hossain, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Taxonomist
06	Md. Ahmed Imtiaz Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
07	Rakib Hossain, Scientific Officer	Marine Fisheries Survey Management Unit, Chattogram	Scientist
08	Md. Shakhawat Hossain, Reference Collection Assistant	R.V. Meen Shandhani	Research Assistant

Sampling strategy:

The cruise was planned to follow the previous guidelines and revised survey design. In this particular Shrimp survey a total of 17 stations were covered for sampling. The sampling points with covered area are given in the following map.

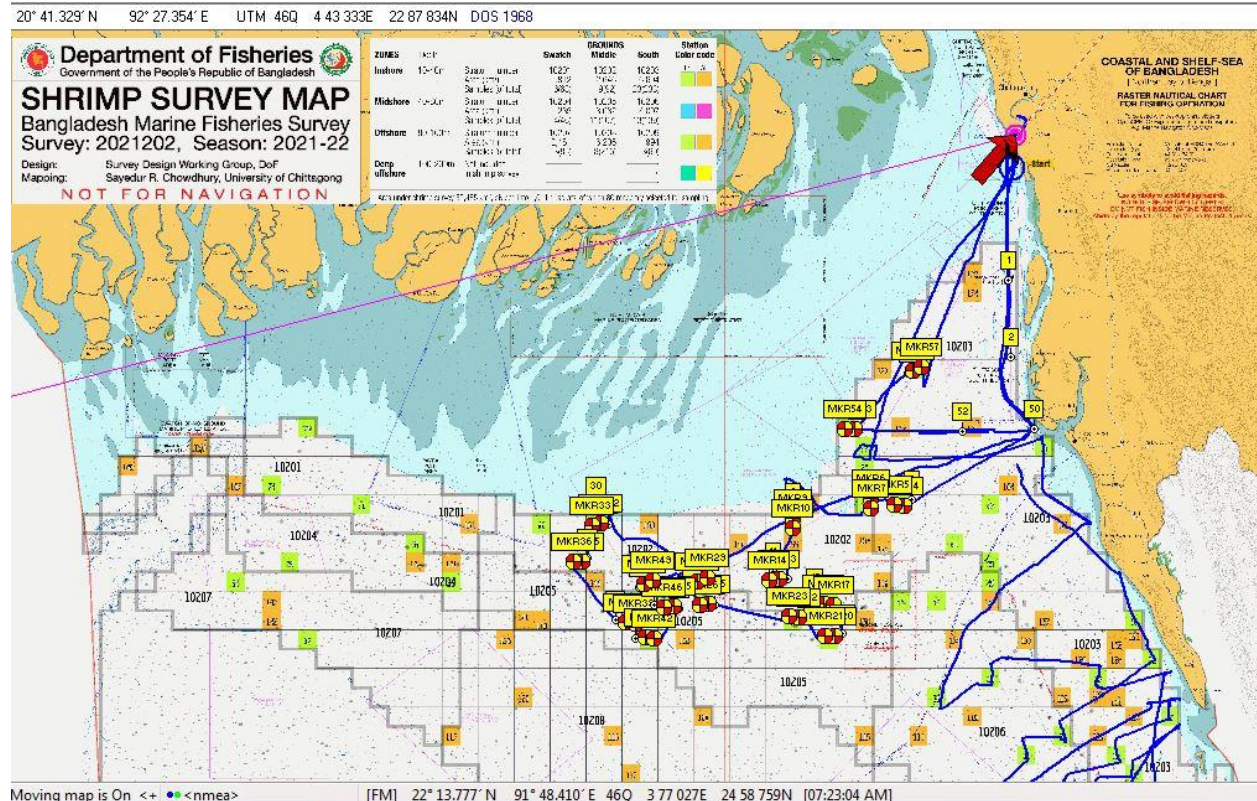


Fig. 01: Shrimp Survey Map with the covered area during the 3rd leg of this survey (2021/2022, 2021-22 season).

All the relevant data and information regarding sampling were recorded thoroughly and put in NANSIS software server for analysis.

Results:

Sampling stations and activities: From the first 07/02/2022 to 09/02/2022, we had to cancel the cruise and return because it was not possible to cast the net for the generator error.

1. A total of 17 hauls were conducted during the 06 days survey cruise. During the studies date, time, latitude, longitude, depth, wire out etc. were recorded and inputs of these data were stored in Nansis software. After sampling the species, records of length, weight and numbers were recorded *in situ*. The details of sampling stations are given below (Table 1):

Table 01: Records of stations with latitude, longitude, stratum and depth

Date	Time (start)	Station	Latitude (dd)	Longitude (dd)	Depth (m)	Remarks
07-02-2022	10.00					Departure
08-02-2022						Cancel the cruise for the generator error.
09-02-2022	8.30					Arrival
13-02-2022	12.00					Departure
14-02-2022	8.53	68	21.2713	91.4967	17	
14-02-2022	10.34	69	21.2898	91.4048	15	
15-02-2022	7.25	64	21.1419	91.1128	14	
15-02-2022	9.33	50	21.0475	91.0891	28	
15-02-2022	11.40	44	21.0105	91.1653	46	
15-02-2022	13.18	33	20.5601	91.1822	70	
15-02-2022	15.00	40	20.5894	91.1233	60	
15-02-2022	17.22	46	21.0096	90.5729	51	
15-02-2022	19.03	51	21.0452	90.5533	30	
16-02-2022	6.58	65	21.1354	90.3923	14	
16-02-2022	8.38	57	21.0748	90.3619	28	
16-02-2022	10.52	41	20.5815	90.4333	81	
16-02-2022	12.17	35	20.5571	90.4659	83	
16-02-2022	14.16	47	21.0049	90.5133	63	
16-02-2022	15.57	52	21.0403	90.4637	38	
17-02-2022	11.55	78	21.2818	91.2157	14	
17-02-2022	14.52	80	21.3718	91.3125	16	
18-02-2022	8.30					Arrival

2. **Operation hours:** Trawling operations were conducted from early morning to late afternoon almost all working days.
3. **Hydrographic data collection:** Due to lack of CTD equipments during the survey, CTD data weren't collected.
4. **Taxonomic data collection:** All the newly recorded, unidentified and rare species were observed and taxonomic data were collected with clear, fresh pictures of the species captured by a high resolution camera for later identification.
5. **Sample collection:** For further taxonomic, gonado-somatic and biological study some species samples were collected and preserved.

Recommendations:

1. Every cruise should be started with two trained 'Taxonomist' otherwise it will be difficult to collect proper taxonomic data.
2. For further analysis of samples at different academic institutions or research laboratories, sample sending/providing protocol should be developed.

Supplies:

1. Stationary supplies should always be in surplus than is needed; binder clips are in short supply.

Annex:

Annex 1. Catch Summaries (Shrimp Survey-2021202)

---End of Report---

Reported by



Sanjay Kumar Mohanta

Cruise Leader

Shrimp Survey (2021202), Cruise #01

Dated: 22/02/2022

Reported to: PSO (Marine Fisheries Survey Management Unit)

With copies to: Next Cruise Leaders

Bangladesh Marine Fisheries Shrimp Survey
2022-03-09

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 1

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	07:22	0.0	150	90.7905	90°	47.430'	20.1167	20°	7.000
End	07:52	0.0	141	90.7862	90°	47.170'	20.1448	20°	8.690
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
1	ARMAR02	392	Ariomma indica	0.272
2	BGRBR01	391	Bregmaceros maccelellandi	0.007
3	CAEDI01	387	Dipterygonotus balteatus	0.028
4	CAEPT07	393	Pterocaesio trilineata	0.028
5	CARCA00	384	Caranx sp.	0.241
6	CHMCH01	386	Champsodon capensis	0.050
7	DIRDI01	390	Diretmus argenteus	0.009
8	GEMNP01	383	Neoepinnula orientalis	0.218
9	PRIPR03	382	Priacanthus hamrur	3.800
10	SHRS019	385	Solenocera hextii	0.127
11	SQOLO72	405	Uroteuthis singhalensis	0.404
12	STRPA01	388	Pampus argenteus	0.011
13	TETLA05	389	Lagocephalus spadiceus	0.008
Total catch:				5.203

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-03-24

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 3

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	16:45	0.0	98	91.5758	91°	34.550'	20.2250	20°	13.500
End	17:15	0.0	97	91.6032	91°	36.190'	20.2260	20°	13.560
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
14	CHMCH01	846	Champsodon capensis	0.032
15	PRIPR03	844	Priacanthus hamrur	0.007
16	SHRS019	845	Solenocera hextii	0.006
17	UNIDE00	847	UNIDENTIFIED FISH	0.005
Total catch:				0.050

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-02-26

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 4

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	08:31	0.0	169	89.9948	89° 59.690'	20.2282	20° 13.690
End	09:01	0.0	189	89.9725	89° 58.350'	20.2092	20° 12.550
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
18	GEMNP01	1	Neopinnula orientalis	0.001
19	SQUL052	2	Sepioteuthis lessoniana	0.009
			Total catch:	0.010

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-03-24

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 5

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	19:13	0.0	90	91.8200	91° 49.200'	20.2757	20° 16.540
End	19:43	0.0	89	91.8457	91° 50.740'	20.2800	20° 16.800
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
20	BGRBR01	721	Bregmaceros maccelellandi	0.167
21	CARDE08	722	Decapterus russelli	0.066
22	CHMCH01	724	Champsodon capensis	0.154
23	PLAKU01	720	Kumococius rodericensis	0.015
24	SHRS019	723	Solenocera hextii	2.160
25	UNIDE00	725	UNIDENTIFIED FISH	0.002
Total catch:				2.564

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-03-24

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 6

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	14:12	0.0	94	91.5047	91° 30.280'	20.3365	20° 20.190
End	14:42	0.0	94	91.4778	91° 28.670'	20.3468	20° 20.810
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
26	CARPA01	830	Parastromateus niger	0.015
27	CHMCH01	829	Champsodon capensis	2.189
28	CRAPD99	826	Podophthalmus vigil	0.630
29	LEILE07	833	Leiognathus bindus	0.015
30	LUTPR01	824	Pristipomoides typus	1.476
31	PLAKU01	832	Kumococius rodericensis	0.006
32	PRIPR03	825	Priacanthus hamrur	7.350
33	SCMRA03	827	Rastrelliger faughni	0.180
34	SHRS019	828	Solenocera hextii	0.130
35	UNIDE00	831	UNIDENTIFIED FISH	1.203
Total catch:				13.194

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-02-26

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 9

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	13:26	0.0	177	89.4533	89° 27.200'	20.3828	20° 22.970'
End	13:56	0.0	177	89.4292	89° 25.750'	20.3970	20° 23.820'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
36	ATHAA00	8	ATHERINIDAE	0.062
37	CHMCH01	6	Champsodon capensis	0.005
38	GEMNP01	4	Neoepinnula orientalis	0.106
39	MYCDI00	3	Diaphus sp.	0.315
40	PRIPR03	5	Priacanthus hamrur	0.215
41	SQUL052	7	Sepioteuthis lessoniana	0.015
			Total catch:	0.718

Bangladesh Marine Fisheries Shrimp Survey

2022-02-26

Survey: 2021203

Stratum: 0

Station: 11

Annex 1. Catch Summaries

Gear:

Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	15:16	0.0	170	89.4367	89° 26.200'	20.4062	20° 24.370
End	15:46	0.0	161	89.4442	89° 26.650'	20.4315	20° 25.890
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
42	ANTAA00	15	ANTHIIDAE	0.732
43	CHMCH01	12	Champsodon capensis	0.013
44	GEMNP01	10	Neoepinnula orientalis	1.700
45	MYCDI00	13	Diaphus sp.	0.450
46	PRIPR03	9	Priacanthus hamrur	3.300
47	SCIAB04	14	Atrobucca antonbrun	0.722
48	SHRS019	11	Solenocera hextii	0.024
			Total catch:	6.941

Bangladesh Marine Fisheries Shrimp Survey
2022-03-11

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 12

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	12:20	0.0	69	91.3680	91° 22.080'	20.9335	20° 56.010'
End	12:50	0.0	69	91.3915	91° 23.490'	20.9255	20° 55.530'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
49	ACRAC01	595	Acropoma japonicum	0.002
50	ANGLE00	599	Leptocephalus	0.001
51	ARMAR02	591	Ariomma indica	0.003
52	CARDE08	598	Decapterus russelli	0.010
53	CRAP020	592	Charybdis smithi	0.020
54	GOBAC00	600	Acentrogobius sp.	0.001
55	PLAKU01	597	Kumococius rodericensis	0.001
56	SCIAB04	594	Atrobucca antonbrun	0.030
57	SNAHY00	601	Hydrophis gracilis	0.014
58	SQUL071	593	Uroteuthis duvauceli	0.020
59	SQUSE14	588	Sepia pharaonis	0.139
60	SQUSE1G	590	Sepia acuelata	0.033
61	STRPA01	589	Pampus argenteus	0.002
62	TRIEU01	596	Eupleurogrammus muticus	0.003
Total catch:				0.279

Bangladesh Marine Fisheries Shrimp Survey
2022-03-09

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 13

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	10:25	0.0	96	90.7897	90° 47.380'	20.4552	20° 27.310
End	10:55	0.0	94	90.7933	90° 47.600'	20.4838	20° 29.030
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
63	BOTLA06	379	Laeops kitahariae	0.002
64	GEMNE01	381	Nesiarchus nasutus	0.005
65	GEMNP01	380	Neopinnula orientalis	0.012
66	NEMNE15	372	Nemipterus randalli	7.400
67	PLAKU01	376	Kumococius rodericensis	0.401
68	PRIPR03	377	Priacanthus hamrur	0.455
69	SCIAB04	373	Atrobucca antonbrun	0.555
70	SHRS019	378	Solenocera hextii	0.022
71	SYNSA10	374	Saurida longimanus	5.300
72	TRGLE07	375	Lepidotrigla omanensis	4.750
Total catch:				18.902

Bangladesh Marine Fisheries Shrimp Survey
2022-03-09

Survey: 2021203
Stratum: 0
Station: 14

Annex 1. Catch Summaries

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	13:12	0.0	99	90.5528	90° 33.170'	20.4733	20° 28.400
End	13:42	0.0	100	90.5283	90° 31.700'	20.4810	20° 28.860
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
73	CHMCH01	403	Champsodon capensis	0.030
74	CRAP015	404	Charybdis feriata	0.002
75	PRIPR03	401	Priacanthus hamrur	0.026
76	SHRS019	402	Solenocera hextii	0.007
77	TETLA07	400	Lagocephalus guntheri	0.005
Total catch:				0.070

Bangladesh Marine Fisheries Shrimp Survey
2022-03-25

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 15
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm'	dd.dddd	dd° mm.mmm'
Start	08:39	0.0	17	92.3267	92° 19.600'	20.5400	20° 32.400'
End	09:09	0.0	18	92.3318	92° 19.910'	20.5122	20° 30.730'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
78	ANRAN05	869	Antennarius hispidus	0.078
79	APOJA03	888	Jaydia queketti	0.050
80	APOJA05	887	Jaydia stiata	0.055
81	APOOS01	871	Ostorhinchus fasciatus	0.394
82	ARMAR02	857	Ariomma indica	0.395
83	BOTPS09	853	Pseudorhombus malayanus	0.022
84	CARAL03	852	Alectis ciliaris	0.160
85	CARCA00	877	Caranx sp.	0.228
86	CARCA04	854	Caranx (Caranx) sexfasciatus	0.180
87	CARCS08	855	Carangoides hedlandensis	0.075
88	CARME01	858	Megalaspis cordyla	1.026
89	CEPCE04	864	Acanthocephala indica	0.063
90	CHRCH01	856	Chirocentrus dorab	0.996
91	CLUDU02	863	Dussumieria elopsoidea	2.100
92	CLUHI02	859	Hilsa kelee	2.704
93	CLUSL06	886	Sardinella fimbriata	1.370
94	CRACA16	875	Calappa lophos	0.443
95	CRAGA00	879	Galene bispinosa	0.025
96	CRAPA01	913	Paramaja gibba	0.331
97	CRAPD99	876	Podophthalmus vigil	1.066
98	CRAP015	873	Charybdis feriata	0.468
99	CRAP017	902	Charybdis annulata	0.045
100	CRAP038	874	Portunus sanguinolentus	0.111
101	CRUSQ11	860	Squilla mantis	0.357
102	DACDN01	867	Dactyloptena orientalis	0.015
103	DREDR03	882	Drepane longimana	5.300
104	ENGST01	870	Stolephorus buccaneeri *	7.300
105	ENGTH02	909	Thryssa mystax	0.070
106	ENGTH02	885	Thryssa mystax	0.036
107	ENGTH05	910	Thryssa dussumieri	0.160
108	GERPE01	861	Pentaprion longimanus	0.338
109	LEILE04	907	Leiognathus fasciatus	0.522
110	LEILE07	878	Leiognathus bindus	25.100
111	LEILE08	900	Leiognathus splendens	0.027
112	LEILE09	905	Leiognathus brevisrostris	1.518
113	LEILE14	912	Leiognathus decorus	3.900

114	LUTLU14	911	Lutjanus lutjanus	0.039
115	LUTLU17	883	Lutjanus erythropterus	0.157
116	MULUP16	901	Upeneus supravitatus	0.020
117	NEMNE01	890	Nemipterus bipunctatus	0.058
118	PLASU01	850	Suggrundus rodricensis	0.020
119	PODPO06	865	Pomadasys maculatus	0.145
120	PRSil02	891	Ilisha elongata	0.066
121	PRSil04	893	Ilisha megaloptera	0.220
122	PRSil05	884	Ilisha filigera	0.134
123	SCIJO01	894	Johnius belangerii	0.158
124	SCIJO05	849	Johnius amblycephalus	0.042
125	SCiPE04	903	Pennahia anea	0.067
126	SCiPE05	904	Pennahia ovata	0.108
127	SCMRA03	898	Rastrelliger faughni	0.061
128	SCRPT05	851	Pterois miles	0.017
129	SHRPE63	868	Penaeus monodon	0.074
130	SILSL01	872	Sillaginopsis panijus	0.016
131	SPHSP04	906	Sphyraena forsteri	0.042
132	SQUL071	896	Uroteuthis duvauceli	3.069
133	SQUOC11	897	Octopus vulgaris	0.253
134	SQUSE14	908	Sepia pharaonis	0.958
135	SQUSE1G	892	Sepia acuelata	0.132
136	STRPA01	848	Pampus argenteus	1.305
137	SYNSA02	866	Saurida tumbil	1.150
138	TETLA03	881	Lagocephalus lunaris	0.136
139	TETLA07	895	Lagocephalus guntheri	1.225
140	THETH01	862	Terapon jarbua	0.670
141	TRILT01	880	Lepturacanthus savala	5.350
142	TRNPS01	889	Pseudotriacanthus strigilifer	0.073
143	UNIDE00	899	UNIDENTIFIED FISH	0.048
			Total catch:	72.841

Bangladesh Marine Fisheries Shrimp Survey

2022-03-24

Survey: 2021203

Stratum: 0

Station: 17

Annex 1. Catch Summaries

Gear:

Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	10:36	0.0	68	91.8022	91° 48.130'	20.5895	20° 35.370'
End	11:06	0.0	69	91.8017	91° 48.100'	20.5628	20° 33.770'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
144	ARMAR02	837	Ariomma indica	0.018
145	CARDE08	842	Decapterus russelli	0.006
146	CARPA01	836	Parastromateus niger	0.322
147	CLUDU02	843	Dussumieria elopsoides	0.010
148	CLUSL06	835	Sardinella fimbriata	0.052
149	CRAPD99	838	Podophthalmus vigil	0.340
150	LEILE07	840	Leiognathus bindus	0.002
151	SCMRA03	834	Rastrelliger faughni	0.278
152	SQUL071	841	Uroteuthis duvauceli	0.001
153	SQUOC1B	839	Octopus aegina	0.063
Total catch:				1.092

Bangladesh Marine Fisheries Shrimp Survey
2022-03-10

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 22

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	13:04	0.0	93	90.5418	90° 32.510'	20.6600	20° 39.600
End	13:34	0.0	93	90.5440	90° 32.640'	20.6155	20° 36.930
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
154	ANGLE00	429	Leptocephalus	0.008
155	CHMCH01	433	Champsodon capensis	0.170
156	MENME01	432	Mene maculata	0.003
157	PRIPR03	427	Priacanthus hamrur	0.057
158	SHRS019	428	Solenocera hextii	0.032
159	SQUOC11	430	Octopus vulgaris	0.007
160	TETLA05	431	Lagocephalus spadiceus	0.003
Total catch:				0.280

Bangladesh Marine Fisheries Shrimp Survey
2022-03-25

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 24
Gear: Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	06:32	0.0	15	92.2375	92°	14.250'	20.6552	20°	39.310
End	07:02	0.0	15	92.2248	92°	13.490'	20.6780	20°	40.680
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
161	ANRAN05	775	Antennarius hispidus	0.381
162	APOJA03	804	Jaydia queketti	0.018
163	APOJA05	803	Jaydia stiata	0.017
164	APOJA07	916	Jaudia truncata	0.033
165	APOOS01	789	Ostorhinchus fasciatus	0.390
166	ARMAR02	790	Ariomma indica	1.270
167	BOTPS09	807	Pseudorhombus malayanus	0.238
168	CARAL03	773	Alectis ciliaris	0.863
169	CARCA00	819	Caranx sp.	0.156
170	CARCA04	823	Caranx (Caranx) sexfasciatus	0.046
171	CARPA01	799	Parastromateus niger	0.133
172	CLUDU02	771	Dussumieria elopsoides	13.550
173	CLUSL06	768	Sardinella fimbriata	21.350
174	CRACA16	772	Calappa lophos	0.570
175	CRAGA00	806	Galene bispinosa	0.048
176	CRAPD99	794	Podophthalmus vigil	0.400
177	CRAP015	769	Charybdis feriata	0.394
178	CRAP017	793	Charybdis annulata	0.115
179	CRAP038	797	Portunus sanguinolentus	0.340
180	CRUSQ11	792	Squilla mantis	0.166
181	DREDR03	770	Drepane longimana	2.875
182	ENGST01	801	Stolephorus buccaneeri *	0.955
183	EPHEP01	802	Ephippus orbis	0.237
184	GERPE01	812	Pentaprion longimanus	0.410
185	LACLA01	785	Lactarius lactarius	0.094
186	LEILE04	822	Leiognathus fasciatus	1.750
187	LEILE04	808	Leiognathus fasciatus	0.024
188	LEILE07	788	Leiognathus bindus	2.151
189	LEILE08	821	Leiognathus splendens	0.326
190	LEILE09	817	Leiognathus brevisrostris	0.148
191	LEILE14	917	Leiognathus decorus	0.090
192	LOBLO01	786	Lobotes surinamensis	4.200
193	LUTLU10	816	Lutjanus johnii	0.015
194	NEMNE03	782	Nemipterus japonicus	0.192
195	PLAKU01	810	Kumococius rodericensis	0.006
196	PODPO06	798	Pomadasys maculatus	0.284

197	SCIOT01	781	Otolithes ruber	0.254
198	SCMRA03	780	Rastrelliger faughni	8.700
199	SCMSM04	805	Scomberomorus guttatus	0.098
200	SCRPT03	791	Pterois russelii	0.008
201	SCRPT05	811	Pterois miles	0.016
202	SHRPE23	814	Parapenaeopsis sculptitis	0.008
203	SHRPE63	783	Penaeus monodon	0.220
204	SPHSP04	795	Sphyraena forsteri	0.067
205	SPHSP09	796	Sphyraena putnamae	0.192
206	SQUL071	778	Uroteuthis duvauceli	6.470
207	SQUOC1B	779	Octopus aegina	1.071
208	SQUSE14	820	Sepia pharaonis	0.210
209	SQUSE18	777	Sepia esculenta	3.280
210	STRPA01	800	Pampus argenteus	0.555
211	SYNSA02	776	Saurida tumbil	6.750
212	TETAR02	815	Arothron stellatus	0.034
213	TETLA03	818	Lagocephalus lunaris	0.190
214	TETLA05	813	Lagocephalus spadiceus	5.900
215	THETH01	774	Terapon jarbua	0.415
216	THETH02	809	Terapon theraps	0.075
217	TRILT01	784	Lepturacanthus savala	0.572
218	TRNTR01	787	Triacanthus biaculeatus	3.950
			Total catch:	93.270

Bangladesh Marine Fisheries Shrimp Survey
2022-03-24

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 25
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	07:59	0.0	35	91.9968	91° 59.810'	20.6937	20° 41.620
End	08:29	0.0	37	91.9998	91° 59.990'	20.6657	20° 39.940
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
219	ANRAN05	761	Antennarius hispidus	0.030
220	APOJA03	753	Jaydia queketti	0.070
221	APOJA05	764	Jaydia stiata	0.010
222	APOOS01	752	Ostorhinchus fasciatus	0.007
223	ARMAR02	741	Ariomma indica	1.702
224	BOTPS09	738	Pseudorhombus malayanus	0.306
225	CARCA00	765	Caranx sp.	0.006
226	CARCS08	760	Carangoides hedlandensis	0.035
227	CARPA01	728	Parastromateus niger	1.342
228	CHRCH01	749	Chirocentrus dorab	0.357
229	CLUDU02	729	Dussumieria elopsoides	3.300
230	CLUSL06	740	Sardinella fimbriata	23.700
231	CONUR01	754	Uroconger lepturus	0.016
232	CRAPD99	730	Podophthalmus vigil	4.750
233	CRAP015	763	Charybdis feriata	0.017
234	CRUSQ11	748	Squilla mantis	0.130
235	ENGST03	758	Stolephorus indicus	0.032
236	FISFI01	746	Fistularia petimba	0.116
237	GERPE01	745	Pentaprion longimanus	0.094
238	LEILE04	759	Leiognathus fasciatus	0.130
239	LEILE07	743	Leiognathus bindus	45.950
240	LEILE09	742	Leiognathus brevisrostris	8.400
241	MENME01	762	Mene maculata	0.009
242	MULUP16	751	Upeneus supravitatus	0.019
243	NEMNE01	735	Nemipterus bipunctatus	0.915
244	NEMNE03	736	Nemipterus japonicus	0.060
245	SCMRA03	732	Rastrelliger faughni	11.950
246	SCMSM03	737	Scomberomorus commerson	3.850
247	SCRPT01	739	Pterois volitans	0.084
248	SQUL071	767	Uroteuthis duvauceli	20.000
249	SQUSE00	766	SEPIIDAE	0.016
250	SQUSE14	757	Sepia pharaonis	0.103
251	SQUSE18	747	Sepia esculenta	0.130
252	SQUSE1G	756	Sepia acuelata	2.700
253	STRPA01	755	Pampus argenteus	0.440
254	SYNSA02	733	Saurida tumbil	2.848

255	SYNTR01	750	Trachinocephalus myops	0.088
256	TETLA07	744	Lagocephalus guntheri	6.250
257	THETH01	734	Terapon jarbua	0.477
258	TRILT01	731	Lepturacanthus savala	5.200
			Total catch:	145.639

Bangladesh Marine Fisheries Shrimp Survey
2022-03-10

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 28

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	11:27	0.0	92	90.4673	90°	28.040'	20.6882	20°	41.290
End	11:57	0.0	93	90.4982	90°	29.890'	20.6882	20°	41.290
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
259	ANGLE00	426	Leptocephalus	0.018
260	CHMCH01	418	Champsodon capensis	1.333
261	CRAVA01	422	Varuna litterata	0.008
262	FISFI01	423	Fistularia petimba	0.002
263	PRIPR03	420	Priacanthus hamrur	0.326
264	SCIAB04	419	Atrobucca antonbrun	0.430
265	SHRS019	424	Solenocera hextii	0.106
266	SYGHI07	421	Hippocampus kuda	0.004
267	TETLA05	425	Lagocephalus spadiceus	0.005
Total catch:				2.232

Bangladesh Marine Fisheries Shrimp Survey
2022-03-09

Survey: 2021203
Stratum: 0
Station: 29

Annex 1. Catch Summaries
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	16:28	0.0	96	90.2895	90° 17.370'	20.6540	20° 39.240
End	16:58	0.0	95	90.2870	90° 17.220'	20.6823	20° 40.940
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
268	CHMCH01	395	Champsodon capensis	0.442
269	GEMNP01	398	Neoepinnula orientalis	0.002
270	PRIPR03	394	Priacanthus hamrur	0.233
271	SCIAB04	396	Atrobucca antonbrun	0.090
272	SHRS019	397	Solenocera hextii	0.002
273	TETLA05	399	Lagocephalus spadiceus	0.030
Total catch:				0.799

Bangladesh Marine Fisheries Shrimp Survey

2022-02-26

Survey: 2021203

Stratum: 0

Station: 30

Annex 1. Catch Summaries

Gear:

Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	18:23	0.0	136	89.3482	89° 20.890'	20.6635	20° 39.810
End	18:53	0.0	130	89.4835	89° 29.010'	20.6940	20° 41.640
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
274	ANTAA00	20	ANTHIIDAE	0.140
275	BGRBR01	18	Bregmaceros maccelellandi	0.120
276	CHMCH01	21	Champsodon capensis	0.004
277	GEMNP01	23	Neopinnula orientalis	0.009
278	MYCBE00	19	Benthoosema sp.	0.167
279	SCIAB04	16	Atrobucca antonbrun	0.171
280	SHRS019	17	Solenocera hextii	0.210
281	SQUOC11	22	Octopus vulgaris	0.028
Total catch:				0.849

Bangladesh Marine Fisheries Shrimp Survey
2022-03-10

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 32

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	09:27	0.0	90	90.4412	90°	26.470'	20.7393	20°	44.360
End	09:57	0.0	91	90.4485	90°	26.910'	20.7105	20°	42.630
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
282	CARDE08	412	Decapterus russelli	0.027
283	CHMCH01	408	Champsodon capensis	0.070
284	ECNEC01	406	Echeneis naucrates	1.574
285	GEMNP01	416	Neoepinnula orientalis	0.002
286	MONAL02	415	Aluterus monoceros	0.058
287	PRIPR03	407	Priacanthus hamrur	0.056
288	RACRA01	413	Rachycentron canadum	0.571
289	SCIAB04	409	Atrobucca antonbrun	0.116
290	SHRS019	414	Solenocera hextii	0.005
291	SQUOC11	411	Octopus vulgaris	0.003
292	TETLA05	410	Lagocephalus spadiceus	0.009
293	UNIDE01	417	Unidentified fish	0.019
Total catch:				2.510

Bangladesh Marine Fisheries Shrimp Survey
2022-03-26

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 34

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	10:39	0.0	76	91.2218	91° 13.310'	20.7830	20° 46.980
End	11:09	0.0	80	91.2512	91° 15.070'	20.7877	20° 47.260
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
294	ACAAC19	714	Acanthurus xanthopterus	0.209
295	CARDE08	713	Decapterus russelli	0.053
296	CRAPD99	716	Podophthalmus vigil	0.029
297	DACDN01	719	Dactyloptena orientalis	0.066
298	LEIPH01	915	Photopectoralis aureus	0.029
299	SQUL052	717	Sepioteuthis lessoniana	0.005
300	TETLA07	914	Lagocephalus guntheri	0.940
301	TRILT01	715	Lepturacanthus savala	0.100
302	UNIDE00	718	UNIDENTIFIED FISH	0.001
Total catch:				1.432

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-03-26

Survey: 2021203

Gear:

Stratum: 0

Gear number 0

Station: 35

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	09:05	0.0	80	91.1263	91°	7.580'	20.7775	20°	46.650
End	09:35	0.0	80	91.1533	91°	9.200'	20.7817	20°	46.900
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
303	LUTPR01	726	Pristipomoides typus	0.016
304	MUREC99	727	Echidna nubulosa	0.012
Total catch:				0.028

Bangladesh Marine Fisheries Shrimp Survey
2022-03-01

Survey: 2021203
Stratum: 0
Station: 37

Annex 1. Catch Summaries

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	16:06	0.0	85	90.7302	90° 43.810'	20.8273	20° 49.640
End	16:36	0.0	85	90.7577	90° 45.460'	20.8175	20° 49.050
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
305	CHMCH01	203	Champsodon capensis	0.005
306	CRAVA01	202	Varuna litterata	0.019
307	NOMAA00	205	NOMEIDAE	0.007
308	PRIPR03	200	Priacanthus hamrur	0.073
309	SCIAB04	199	Atrobucca antonbrun	0.272
310	SHRS019	204	Solenocera hextii	0.010
311	SQUL052	198	Sepioteuthis lessoniana	0.023
312	TETLA05	206	Lagocephalus spadiceus	0.006
313	TRILT01	201	Lepturacanthus savala	0.545
			Total catch:	0.960

Bangladesh Marine Fisheries Shrimp Survey
2022-02-28

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 38

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd° mm.mmm		dd.dddd	dd° mm.mmm	
Start	16:03	0.0	99	89.9712	89° 58.270'		20.8285	20° 49.710'	
End	16:33	0.0	98	90.0012	90° 0.070'		20.8188	20° 49.130'	
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
314	BGRBR01	171	Bregmaceros maccelellandi	0.001
315	CEPCE01	172	Cepola pauciradiatus	0.004
316	CHMCH01	168	Champsodon capensis	0.053
317	NOMCU09	174	Cubiceps whiteleggi	0.008
318	PRIIPR03	167	Priacanthus hamrur	0.450
319	SCIAB04	169	Atrobucca antonbrun	0.158
320	SHRS019	170	Solenocera hextii	0.006
321	SQUL052	175	Sepioteuthis lessoniana	0.017
322	TETLA05	173	Lagocephalus spadiceus	0.014
Total catch:				0.711

Bangladesh Marine Fisheries Shrimp Survey
2022-02-26

Survey: 2021203
Stratum: 0
Station: 40

Annex 1. Catch Summaries
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	20:27	0.0	125	89.2922	89° 17.530'	20.8037	20° 48.220
End	20:57	0.0	123	89.2932	89° 17.590'	20.8390	20° 50.340
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
323	ANTAA00	30	ANTHIIDAE	0.405
324	BGRBR01	26	Bregmaceros maccelellandi	0.439
325	CARDE08	28	Decapterus russelli	0.021
326	CHMCH01	25	Champsodon capensis	0.004
327	GEMNP01	27	Neoepinnula orientalis	0.014
328	MYCBE00	31	Benthoosema sp.	0.048
329	SHRS019	24	Solenocera hextii	1.497
330	SQUL052	29	Sepioteuthis lessoniana	0.048
331	SQUOC11	32	Octopus vulgaris	0.060
Total catch:				2.536

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2022-03-01

Survey: 2021203
Stratum: 10204
Station: 41

Annex 1. Catch Summaries

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	13:56	0.0	85	90.5900	90° 35.400'	20.8938	20° 53.630
End	14:26	0.0	86	90.5865	90° 35.190'	20.8652	20° 51.910
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
332	ACRAC01	235	Acropoma japonicum	0.006
333	BGRBR01	236	Bregmaceros maccelellandi	0.001
334	CHMCH01	237	Champsodon capensis	0.001
335	CRAVA01	233	Varuna litterata	0.130
336	MENME01	234	Mene maculata	0.005
337	NOMAA00	238	NOMEIDAE	0.002
338	PRIPR03	232	Priacanthus hamrur	0.045
339	SQUL052	240	Sepioteuthis lessoniana	0.003
340	TETLA05	241	Lagocephalus spadiceus	0.048
341	UNIFI00	239	unidentified	0.002
Total catch:				0.243

Bangladesh Marine Fisheries Shrimp Survey
2022-03-01

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 42
Gear:
Gear number: 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	18:32	0.0	91	90.2242	90° 13.450'	20.8798	20° 52.790
End	19:02	0.0	91	90.2557	90° 15.340'	20.8793	20° 52.760
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
342	ACRAC01	184	Acropoma japonicum	0.020
343	ARMAR01	185	Ariomma bondi	0.003
344	BOTLA98	182	Leops kitaharae	0.002
345	CARCA00	180	Caranx sp.	0.024
346	CHMCH01	179	Champsodon capensis	0.267
347	CYGCY07	187	Cynoglossus carpenteri	0.013
348	DIODI01	177	Diodon hystrix	0.080
349	FISFI01	188	Fistularia petimba	0.001
350	LUTPR01	183	Pristipomoides typus	0.036
351	SCIAB04	176	Atrobucca antonbrun	0.448
352	SHRS019	178	Solenocera hextii	4.300
353	SQULO52	189	Sepioteuthis lessoniana	0.016
354	SQUOC11	186	Octopus vulgaris	0.012
355	SYNSA10	181	Saurida longimanus	0.011
Total catch:				5.233

Bangladesh Marine Fisheries Shrimp Survey
2022-03-11

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 43

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	12:20	0.0	68	91.3680	91° 22.080'	20.9335	20° 56.010'
End	12:50	0.0	69	91.3915	91° 23.490'	20.9255	20° 55.530'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
356	ACRAC01	609	Acropoma japonicum	0.002
357	ANGLE00	613	Leptocephalus	0.001
358	ARMAR02	605	Ariomma indica	0.003
359	CARDE08	612	Decapterus russelli	0.010
360	CRAPO20	606	Charybdis smithi	0.020
361	GOBAC00	614	Acentrogobius sp.	0.001
362	PLAKU01	611	Kumococius rodericensis	0.001
363	SCIAB04	608	Atrobucca antonbrun	0.030
364	SNAHY00	615	Hydrophis gracilis	0.014
365	SQUL071	607	Uroteuthis duvauceli	0.012
366	SQUSE14	602	Sepia pharaonis	0.139
367	SQUSE1G	604	Sepia acuelata	0.033
368	STRPA01	603	Pampus argenteus	0.002
369	TRIEU01	610	Eupleurogrammus muticus	0.003
Total catch:				0.271

Bangladesh Marine Fisheries Shrimp Survey
2022-02-28

Survey: 2021203
Stratum: 0
Station: 45

Annex 1. Catch Summaries
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	14:05	0.0	92	90.0018	90°	0.110'	20.9337	20°	56.020
End	14:35	0.0	92	89.9712	89°	58.270'	20.9362	20°	56.170
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
370	BGRBR01	160	Bregmaceros maccelellandi	0.001
371	BOTLA98	166	Leops kitaharae	0.002
372	CARCA00	159	Caranx sp.	0.004
373	CHMCH01	163	Champsodon capensis	0.011
374	PLAKU01	162	Kumococius rodericensis	0.004
375	PRIPR03	157	Priacanthus hamrur	0.122
376	SHRS019	161	Solenocera hextii	0.001
377	SQUL052	158	Sepioteuthis lessoniana	0.004
378	SQUL071	164	Uroteuthis duvauceli	0.004
379	SYNSA10	165	Saurida longimanus	0.021
Total catch:				0.174

Bangladesh Marine Fisheries Shrimp Survey
2022-03-11

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 46

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	16:58	0.0	60	91.6767	91°	40.600'	20.9780	20°	58.680
End	17:28	0.0	61	91.6970	91°	41.820'	20.9595	20°	57.570
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
380	ACRAC01	547	Acropoma japonicum	6.800
381	ARMAR02	552	Ariomma indica	0.045
382	CEPCE04	567	Acanthocephala indica	0.007
383	CRAP020	549	Charybdis smithi	0.015
384	CRUSQ11	566	Squilla mantis	0.028
385	GEMNP01	562	Neoepinnula orientalis	0.001
386	LEILE09	560	Leiognathus brevisrostris	0.007
387	NEMNE15	548	Nemipterus randalli	0.447
388	PODPO28	550	Pomadasys argyreus	0.208
389	SCIAA00	561	SCIAENIDAE	1.230
390	SCIJO01	555	Johnius belangerii	0.161
391	SCRMI04	565	Minous inermis	0.009
392	SQUL071	553	Uroteuthis duvauceli	0.125
393	SQUOC11	558	Octopus vulgaris	0.042
394	SQUSE14	557	Sepia pharaonis	0.256
395	SQUSE1G	559	Sepia acuelata	0.097
396	SYNSA10	551	Saurida longimanus	0.358
397	TETLA05	556	Lagocephalus spadiceus	0.006
398	TETLA05	563	Lagocephalus spadiceus	0.006
399	TRILT01	554	Lepturacanthus savala	0.040
400	UNIDE00	564	UNIDENTIFIED FISH	0.192
Total catch:				10.080

Bangladesh Marine Fisheries Shrimp Survey
2022-03-11

Survey: 2021203
Stratum: 0
Station: 47

Annex 1. Catch Summaries
 Gear: BT
 Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	10:40	0.0	58	91.2697	91° 16.180'	20.9727	20° 58.360
End	11:10	0.0	58	91.2995	91° 17.970'	20.9750	20° 58.500
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
401	ACRAC01	543	Acropoma japonicum	0.008
402	ARMAR02	545	Ariomma indica	0.005
403	CARDE08	541	Decapterus russelli	0.002
404	CEPCE04	546	Acanthocephala indica	0.016
405	CRAP015	533	Charybdis feriata	0.142
406	PLAKU01	544	Kumococius rodericensis	0.002
407	SCIAB04	542	Atrobucca antonbrun	0.361
408	SQUL071	539	Uroteuthis duvauceli	0.118
409	SQUSE14	534	Sepia pharaonis	0.313
410	SQUSE1G	536	Sepia acuelata	0.270
411	STRPA01	540	Pampus argenteus	0.001
412	TETLA07	537	Lagocephalus guntheri	0.013
413	THETH02	535	Terapon theraps	0.150
414	TRIEU01	538	Eupleurogrammus muticus	0.007
Total catch:				1.408

Bangladesh Marine Fisheries Shrimp Survey
2022-03-01

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 48

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm'	dd.dddd	dd°	mm.mmm'
Start	11:11	0.0	85	90.4440	90°	26.640'	20.9818	20°	58.910'
End	11:41	0.0	86	90.4463	90°	26.780'	20.9532	20°	57.190'
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
415	CEPCE04	197	Acanthocephala indica	0.002
416	GEMNP01	192	Neopinnula orientalis	0.004
417	NOMCU09	194	Cubiceps whiteleggi	0.010
418	SHRS019	193	Solenocera hextii	0.012
419	SQUL052	195	Sepioteuthis lessoniana	0.002
420	TETLA05	196	Lagocephalus spadiceus	0.003
Total catch:				0.033

Bangladesh Marine Fisheries Shrimp Survey
2022-02-27

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 50
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	16:24	0.0	92	89.8040	89°	48.240'	21.0300	21°	1.800
End	16:54	0.0	93	89.7712	89°	46.270'	21.0292	21°	1.750
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
421	ACRAC01	116	Acropoma japonicum	0.001
422	ANTAA00	110	ANTHIIDAE	0.200
423	CEPCE04	105	Acanthocephala indica	0.248
424	GEMNP01	109	Neopinnula orientalis	0.012
425	LUTPR01	104	Pristipomoides typus	0.092
426	MENME01	107	Mene maculata	0.046
427	NEMNE15	111	Nemipterus randalli	0.019
428	PRIPR03	108	Priacanthus hamrur	0.013
429	SHRS019	112	Solenocera hextii	0.010
430	SQUL052	106	Sepioteuthis lessoniana	0.105
431	SQUSE18	115	Sepia esculenta	0.016
432	TETLA06	114	Lagocephalus lagocephalus	0.015
433	TRILT01	113	Lepturacanthus savala	0.004
			Total catch:	0.781

Bangladesh Marine Fisheries Shrimp Survey
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Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 51
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm'	dd.dddd	dd°	mm.mmm'
Start	08:15	0.0	23	91.9467	91°	56.800'	21.0890	21°	5.340
End	08:45	0.0	25	91.9480	91°	56.880'	21.0602	21°	3.610
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
434	ANRAN05	651	Antennarius hispidus	0.024
435	APOJA05	638	Jaydia stiata	0.040
436	APOOS01	632	Ostorhinchus fasciatus	0.149
437	ARMAR02	639	Ariomma indica	0.006
438	BOTPS09	645	Pseudorhombus malayanus	0.650
439	CARPA01	616	Parastromateus niger	2.018
440	CHRCH01	629	Chirocentrus dorab	0.254
441	CLUDU02	623	Dussumieria elopsoides	10.850
442	CONUR01	642	Uroconger lepturus	0.042
443	CRAP015	617	Charybdis feriata	0.487
444	CRAP038	618	Portunus sanguinolentus	0.088
445	CRUSQ11	635	Squilla mantis	0.038
446	DREDR03	625	Drepane longimana	0.186
447	ENGST03	624	Stolephorus indicus	8.900
448	GERPE01	633	Pentaprion longimanus	0.156
449	LACLA01	627	Lactarius lactarius	0.504
450	LEILE07	644	Leiognathus bindus	9.500
451	LEILE09	643	Leiognathus brevisrostris	0.139
452	MUXCO01	647	Congresox talabonoides	0.218
453	NEMNE03	636	Nemipterus japonicus	0.780
454	PLASU01	628	Suggrundus rodricensis	0.049
455	SCIOT02	648	Otolithes cuvieri	0.149
456	SCIPE05	649	Pennahia ovata	1.456
457	SCMSM04	650	Scomberomorus guttatus	0.136
458	SHACA24	619	Carcharhinus melanopterus	0.262
459	SQULO71	646	Uroteuthis duvauceli	2.749
460	SQUOC11	621	Octopus vulgaris	0.747
461	SQUSE18	640	Sepia esculenta	0.238
462	SYNSA02	637	Saurida tumbil	1.530
463	SYNSA03	634	Saurida undosquamis	0.046
464	TETLA05	630	Lagocephalus spadiceus	0.544
465	TETLA07	631	Lagocephalus guntheri	4.101
466	THETH02	626	Terapon theraps	0.730
467	TRILT01	622	Lepturacanthus savala	1.565
468	TRNTR01	620	Triacanthus biaculeatus	0.117
469	URAUR08	641	Uranoscopus cognatus	0.051

Total catch: 49.499

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2022-03-11

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 52

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	14:47	0.0	44	91.5163	91°	30.980'	21.0747	21°	4.480
End	15:17	0.0	49	91.5457	91°	32.740'	21.0833	21°	5.000
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
470	ACRAC01	582	Acropoma japonicum	0.222
471	ANRAN05	587	Antennarius hispidus	0.026
472	ARMAR02	579	Ariomma indica	0.075
473	CARDE08	581	Decapterus russelli	0.170
474	CRAPO20	584	Charybdis smithi	0.044
475	CRUSQ11	574	Squilla mantis	0.026
476	LEILE09	585	Leiognathus brevisrostris	0.021
477	NEMNE03	571	Nemipterus japonicus	1.303
478	PLNPD05	568	Polydactylus sextarius	0.020
479	PODPO06	572	Pomadasys maculatus	0.058
480	SCIOT01	583	Otolithes ruber	15.200
481	SEREP11	569	Epinephelus morrhua	0.316
482	SHRPE71	577	Metapenaeus monoceros	0.126
483	SPHSP04	578	Sphyraena forsteri	0.293
484	SQUL071	575	Uroteuthis duvauceli	0.514
485	SQUOC11	586	Octopus vulgaris	0.014
486	SQUSE1G	576	Sepia acuelata	0.300
487	SYGHI07	580	Hippocampus kuda	0.004
488	TETLA07	573	Lagocephalus guntheri	0.022
489	TRILT01	570	Lepturacanthus savala	13.650
Total catch:				32.404

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-02-28

Survey: 2021203

Gear:

Stratum: 10204

Gear number 0

Station: 53

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	11:10	0.0	75	90.2600	90°	15.600'	21.0838	21°	5.030
End	11:40	0.0	77	90.2290	90°	13.740'	21.0848	21°	5.090
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
490	ACRAC01	147	Acropoma japonicum	0.101
491	ARMAR02	155	Ariomma indica	0.002
492	BGRBR01	148	Bregmaceros maccelellandi	0.001
493	CRAP017	149	Charybdis annulata	0.003
494	LEILE07	152	Leiognathus bindus	0.030
495	LUTPR01	153	Pristipomoides typus	0.005
496	NEMNE15	145	Nemipterus randalli	0.099
497	PLAKU01	151	Kumococius rodericensis	0.027
498	SCIAB04	144	Atrobucca antonbrun	0.160
499	SQUL071	146	Uroteuthis duvauceli	0.064
500	SQUOC11	156	Octopus vulgaris	0.008
501	SYNSA10	150	Saurida longimanus	0.057
502	TETLA07	154	Lagocephalus guntheri	0.038
Total catch:				0.595

Bangladesh Marine Fisheries Shrimp Survey
2022-02-27

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 54

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm'	dd.dddd	dd°	mm.mmm'
Start	14:00	0.0	82	90.0430	90°	2.580'	21.0925	21°	5.550'
End	14:30	0.0	85	90.0345	90°	2.070'	21.0650	21°	3.900'
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
503	ACRAC01	97	Acropoma japonicum	0.038
504	ANTAA00	99	ANTHIIDAE	0.003
505	CEPCE04	102	Acanthocephala indica	0.001
506	FISFI01	95	Fistularia petimba	0.002
507	LEILE07	101	Leiognathus bindus	0.006
508	LUTPR01	91	Pristipomoides typus	0.105
509	NEMNE15	92	Nemipterus randalli	0.064
510	PRIPR03	94	Priacanthus hamrur	0.003
511	SCIAB04	90	Atrobucca antonbrun	0.137
512	SHRS019	93	Solenocera hextii	0.057
513	SQUL052	103	Sepioteuthis lessoniana	0.015
514	SYNSA10	96	Saurida longimanus	0.029
515	TETLA06	100	Lagocephalus lagocephalus	0.001
516	TRILT01	98	Lepturacanthus savala	0.001
Total catch:				0.462

Bangladesh Marine Fisheries Shrimp Survey
2022-03-12

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 57

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	10:59	0.0	46	91.7450	91°	44.700'	21.1013	21°	6.080
End	11:29	0.0	43	91.7513	91°	45.080'	21.1278	21°	7.670
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
517	ACRAC01	677	Acropoma japonicum	0.363
518	APOJA03	681	Jaydia queketti	0.095
519	ARMAR02	655	Ariomma indica	4.939
520	BOTLA98	676	Leops kitaharae	0.007
521	BOTPS09	667	Pseudorhombus malayanus	0.100
522	CARCS00	687	Carangoides sp.	0.001
523	CARDE08	659	Decapterus russelli	0.125
524	CLUSL05	666	Sardinella albella	0.060
525	CONAR06	672	Ariosoma gnanadossi	0.184
526	CRAP015	658	Charybdis feriata	0.052
527	CRAP020	669	Charybdis smithi	0.008
528	CRUSQ11	670	Squilla mantis	0.055
529	FISFI01	680	Fistularia petimba	0.045
530	GERPE01	656	Pentaprion longimanus	0.110
531	LACLA01	682	Lactarius lactarius	0.080
532	LEILE07	674	Leiognathus bindus	0.142
533	LEILE09	673	Leiognathus brevisrostris	0.396
534	LUTPR01	662	Pristipomoides typus	0.095
535	MONAL02	683	Aluterus monoceros	0.009
536	MURGY11	660	Gymnothorax reticularis	0.058
537	MUXC001	671	Congresox talabonoides	0.154
538	NEMNE03	668	Nemipterus japonicus	3.475
539	NEMNE15	653	Nemipterus randalli	0.426
540	PLASU02	657	Suggrundus macracanthus	0.425
541	PLNPD05	665	Polydactylus sextarius	0.086
542	PODPO30	664	Pomadasys argenteus	0.070
543	PRSil05	663	Ilisha filigera	1.735
544	SCIOT02	689	Otolithes cuvieri	2.641
545	SCiPE05	690	Pennahia ovata	1.033
546	SCRPT01	661	Pterois volitans	0.053
547	SHRPE32	688	Parapenaeus longipes	0.003
548	SHRPE71	678	Metapenaeus monoceros	0.102
549	SQUL071	679	Uroteuthis duvauceli	0.144
550	SQUSE14	654	Sepia pharaonis	0.748
551	SQUSE14	685	Sepia pharaonis	0.748
552	SQUSE18	686	Sepia esculenta	0.425

553	SQUSE1G	684	Sepia acuelata	0.722
554	TETLA07	675	Lagocephalus guntheri	0.018
555	TRILT01	652	Lepturacanthus savala	18.300
Total catch:				38.232

Bangladesh Marine Fisheries Shrimp Survey
2022-03-10

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 58
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	18:02	0.0	20	90.9172	90° 55.030'	21.1125	21° 6.750
End	18:32	0.0	19	90.9333	90° 56.000'	21.1265	21° 7.590
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
556	APOOS01	456	Ostorhinchus fasciatus	0.036
557	BGRBR01	463	Bregmaceros maccelellandi	0.001
558	BOTPS09	462	Pseudorhombus malayanus	0.125
559	CARAU01	438	Atropus atropus	0.312
560	CONUR01	472	Uroconger lepturus	0.001
561	CRACA16	436	Calappa lophos	0.625
562	CRAP015	437	Charybdis feriata	0.260
563	CRAP038	435	Portunus sanguinolentus	1.278
564	CRAVA01	448	Varuna litterata	0.020
565	CYGCY04	443	Cynoglossus arel	1.106
566	DREDR03	468	Drepane longimana	0.361
567	ENGTH02	451	Thryssa mystax	0.254
568	EPHEP01	439	Ephippus orbis	0.061
569	LEILE07	460	Leiognathus bindus	1.574
570	NEMNE03	449	Nemipterus japonicus	0.138
571	OPHCA98	471	Lamustoma orientalis	0.024
572	PLAPL01	440	Platycephalus indicus	0.495
573	PLNPD05	450	Polydactylus sextarius	0.095
574	PODPO06	445	Pomadasys maculatus	0.246
575	PODPO29	469	Pomadasys hasta	0.569
576	PRSil04	466	Ilisha megaloptera	0.070
577	PRSil05	453	Ilisha filigera	9.000
578	SCICH01	452	Chrysochir aureus	0.492
579	SCIJO01	465	Johnius belangerii	0.523
580	SCIJO05	444	Johnius amblycephalus	0.701
581	SCIJO10	464	Johnius bornienseis	0.617
582	SCIOT02	467	Otolithes cuvieri	0.711
583	SCMSM04	434	Scomberomorus guttatus	2.765
584	SHRPE23	442	Parapenaeopsis sculptitis	0.045
585	SHRPE26	446	Parapenaeopsis hardwickii	0.006
586	SHRPE77	470	Metapenaeus lysianassa	0.001
587	SILSI01	447	Sillago sihama	0.015
588	SQUL071	441	Uroteuthis duvauceli	0.291
589	SQUSE14	454	Sepia pharaonis	0.218
590	SQUSE18	455	Sepia esculenta	0.560
591	SYNSA02	457	Saurida tumbil	1.061

592	TETLA05	458	Lagocephalus spadiceus	0.040
593	TETLA07	459	Lagocephalus guntheri	0.171
594	TRIEU01	461	Eupleurogrammus muticus	0.603
Total catch:				25.471

Bangladesh Marine Fisheries Shrimp Survey**Annex 1. Catch Summaries**

2022-03-01

Survey: 2021203

Gear:

Stratum: 10201

Gear number 0

Station: 59

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	09:05	0.0	36	90.4105	90°	24.630'	21.1348	21°	8.090
End	09:34	0.0	39	90.3803	90°	22.820'	21.1348	21°	8.090
Length	:29	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
595	LACLA01	190	Lactarius lactarius	0.007
596	SQUL052	191	Sepioteuthis lessoniana	0.009
Total catch:				0.016

Bangladesh Marine Fisheries Shrimp Survey
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Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 60

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	12:37	0.0	72	90.0978	90°	5.870'	21.1290	21°	7.740
End	13:07	0.0	72	90.0677	90°	4.060'	21.1330	21°	7.980
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
597	ACRAC01	81	Acropoma japonicum	0.232
598	BOTPS02	89	Pseudorhombus elevatus	0.098
599	LUTPR01	80	Pristipomoides typus	1.780
600	MULUP03	85	Upeneus moluccensis	0.003
601	MULUP05	82	Upeneus sulphureus	0.002
602	NEMNE15	86	Nemipterus randalli	0.640
603	SHATR01	84	Iago omanensis	2.477
604	SQUL071	87	Uroteuthis duvauceli	0.043
605	SQUSE14	88	Sepia pharaonis	0.030
606	SYNSA10	83	Saurida longimanus	0.104
Total catch:				5.409

Bangladesh Marine Fisheries Shrimp Survey
2022-03-12

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 61

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	12:45	0.0	34	91.6967	91° 41.800'	21.1728	21° 10.370
End	13:15	0.0	31	91.6885	91° 41.310'	21.1927	21° 11.560
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
607	APOJA03	711	Jaydia queketti	0.003
608	ARMAR02	705	Ariomma indica	0.042
609	CARCS08	698	Carangoides hedlandensis	0.121
610	CRAP015	700	Charybdis feriata	0.275
611	CRAP020	703	Charybdis smithi	0.044
612	CRUSQ11	699	Squilla mantis	0.066
613	GERPE01	708	Pentaprion longimanus	0.100
614	LEILE07	704	Leiognathus bindus	19.250
615	LEILE09	702	Leiognathus brevisrostris	0.760
616	LEISE02	710	Secutor ruconius	0.760
617	MULUP16	696	Upeneus supravitatus	0.044
618	NEMNE03	691	Nemipterus japonicus	1.137
619	PODPO29	697	Pomadasys hasta	0.032
620	SHRPE71	701	Metapenaeus monoceros	0.024
621	SQUL071	693	Uroteuthis duvauceli	1.034
622	SQUSE14	709	Sepia pharaonis	0.288
623	SQUSE1G	706	Sepia acuelata	0.325
624	STRPA01	695	Pampus argenteus	1.598
625	SYNSA02	692	Saurida tumbil	0.483
626	TETLA07	694	Lagocephalus guntheri	0.505
627	THETH02	712	Terapon theraps	0.241
628	TRILT01	707	Lepturacanthus savala	0.912
Total catch:				28.044

Bangladesh Marine Fisheries Shrimp Survey
2022-03-11

Survey: 2021203
Stratum: 0
Station: 63

Annex 1. Catch Summaries
 Gear: BT
 Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	08:28	0.0	15	91.2397	91° 14.380'	21.1868	21° 11.210
End	08:58	0.0	15	91.2327	91° 13.960'	21.1587	21° 9.520
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
629	ARMAR02	490	Ariomma indica	0.002
630	CRACA16	482	Calappa lophos	0.056
631	CRAMT01	481	Matuta plaripes	0.133
632	CRAP015	483	Charybdis feriata	0.348
633	CRAP038	485	Portunus sanguinolentus	0.460
634	CYGCY04	478	Cynoglossus arel	0.295
635	LEILE07	488	Leiognathus bindus	0.093
636	LEILE09	487	Leiognathus brevirostris	0.062
637	PLASU02	479	Suggrundus macracanthus	0.668
638	PODPO06	486	Pomadasys maculatus	0.087
639	SILSI01	477	Sillago sihama	0.311
640	SQUL071	473	Uroteuthis duvauceli	0.985
641	SQUSE14	475	Sepia pharaonis	0.036
642	SQUSE1G	474	Sepia acuelata	0.286
643	SYNSA02	476	Saurida tumbil	1.524
644	TETLA07	489	Lagocephalus guntheri	2.546
645	THETH01	480	Terapon jarbua	0.354
646	TRIEU01	484	Eupleurogrammus muticus	0.016
Total catch:				8.262

Bangladesh Marine Fisheries Shrimp Survey
2022-03-01

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 65
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	06:59	0.0	15	90.5367	90° 32.200'	21.2438	21° 14.630
End	07:29	0.0	18	90.5375	90° 32.250'	21.2167	21° 13.000
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
647	APOOS01	210	Ostorhinchus fasciatus	0.004
648	ARMAR02	219	Ariomma indica	0.024
649	CARAU01	211	Atropus atropus	0.245
650	CARCA00	230	Caranx sp.	0.003
651	CARME01	215	Megalaspis cordyla	0.120
652	CHRCH01	209	Chirocentrus dorab	0.257
653	CRACA16	221	Calappa lophos	0.074
654	CRAPO38	216	Portunus sanguinolentus	0.545
655	DREDR03	229	Drepane longimana	0.058
656	LEILE07	218	Leiognathus bindus	0.008
657	PODPO06	222	Pomadasys maculatus	0.125
658	PRFIL05	224	Ilisha filigera	0.153
659	RAYNE13	214	Narcine timlei	0.135
660	SCIJO05	227	Johnius amblycephalus	0.116
661	SHRS016	225	Solenocera crassicornis	0.002
662	SNAHY18	207	Hydrophis spiralis	0.500
663	SQULO71	213	Uroteuthis duvauceli	0.445
664	SQUSE14	231	Sepia pharaonis	0.064
665	SQUSE1G	223	Sepia acuelata	0.071
666	STRPA01	208	Pampus argenteus	1.226
667	SYNSA02	228	Saurida tumbil	1.133
668	TETLA07	217	Lagocephalus guntheri	1.565
669	THETH01	220	Terapon jarbua	0.152
670	TRILT01	226	Lepturacanthus savala	0.177
671	TRNTR01	212	Triacanthus biaculeatus	0.647
Total catch:				7.849

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2022-02-27

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 66

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	10:45	0.0	27	90.1678	90° 10.070'	21.2200	21° 13.200
End	11:15	0.0	25	90.1997	90° 11.980'	21.2187	21° 13.120
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
672	BOTPS09	78	<i>Pseudorhombus malayanus</i>	0.109
673	CRACA16	70	<i>Calappa lophos</i>	0.110
674	CRAP015	73	<i>Charybdis feriata</i>	0.098
675	DACDN01	66	<i>Dactyloptena orientalis</i>	0.064
676	FISFI01	63	<i>Fistularia petimba</i>	0.950
677	MUIPA04	79	<i>Parapercis alboguttata</i> *	0.234
678	MULUP03	67	<i>Upeneus moluccensis</i>	0.211
679	MURGY11	74	<i>Gymnothorax reticularis</i>	0.018
680	NEMNE15	65	<i>Nemipterus randalli</i>	0.856
681	PLAKU01	72	<i>Kumococius rodericensis</i>	0.061
682	SIGSI01	64	<i>Siganus canaliculatus</i>	0.489
683	SQUL071	77	<i>Uroteuthis duvauceli</i>	1.600
684	SQUOC11	71	<i>Octopus vulgaris</i>	0.539
685	SQUSE18	76	<i>Sepia esculenta</i>	1.838
686	SQUSE1G	75	<i>Sepia acuelata</i>	2.868
687	SYNSA02	68	<i>Saurida tumbil</i>	0.109
688	TETLA07	69	<i>Lagocephalus guntheri</i>	5.750
Total catch:				15.904

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2022-03-11

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 68

Gear: BT
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm	dd.dddd	dd°	mm.mmm
Start	07:04	0.0	13	91.2262	91°	13.570'	21.2742	21°	16.450
End	07:34	0.0	13	91.2503	91°	15.020'	21.2572	21°	15.430
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
689	APOOS01	509	Ostorhinchus fasciatus	0.003
690	ARMAR02	514	Ariomma indica	0.062
691	CARAP05	491	Alepes kleinii	5.100
692	CARAU01	508	Atropus atropus	0.100
693	CARME01	493	Megalaspis cordyla	0.455
694	CARSA02	507	Selar boops	0.381
695	CLUAN01	513	Anodontostoma chacunda	0.100
696	CLUDU01	496	Dussumieria acuta	4.750
697	CRACA16	506	Calappa lophos	0.113
698	CRAMT01	516	Matuta plaripes	0.351
699	CRAP015	497	Charybdis feriata	0.396
700	CRAP020	505	Charybdis smithi	0.012
701	CRAP038	494	Portunus sanguinolentus	0.993
702	CYGCY04	515	Cynoglossus arel	0.560
703	DREDR03	512	Drepane longimana	0.148
704	EPHEP01	503	Ephippus orbis	0.052
705	LEILE07	510	Leiognathus bindus	25.450
706	MUGLI09	527	Liza subridis	0.477
707	PLASU02	499	Suggrundus macracanthus	0.387
708	PODPO06	501	Pomadasys maculatus	2.266
709	PRSil05	522	Ilisha filigera	0.396
710	RAYDA93	525	Himantura imbricata	0.330
711	RAYGY11	504	Gymnura poecilura	0.262
712	SCIJO01	528	Johnius belangerii	0.590
713	SCIJO05	498	Johnius amblycephalus	0.211
714	SCIJO06	526	Johnius coitor	0.103
715	SCIJO10	529	Johnius bornienseis	0.164
716	SCIOT01	530	Otolithes ruber	0.200
717	SCIPE05	531	Pennahia ovata	0.124
718	SHRPE26	519	Parapenaeopsis hardwickii	0.011
719	SILSI01	511	Sillago sihama	0.071
720	SOLS004	523	Solea ovata	0.161
721	SQUL071	524	Uroteuthis duvauceli	0.536
722	SQUOC1B	492	Octopus aegina	0.568
723	SQUSE14	520	Sepia pharaonis	0.272
724	SQUSE1G	521	Sepia acuelata	0.094

725	STARF00	532	Starfish	0.065
726	SYNSA02	495	Saurida tumbil	3.872
727	TETLA03	518	Lagocephalus lunaris	0.164
728	TETLA07	517	Lagocephalus guntheri	1.000
729	THETH02	500	Terapon theraps	0.174
730	TRIEU01	502	Eupleurogrammus muticus	1.720
			Total catch:	53.244

Bangladesh Marine Fisheries Shrimp Survey
2022-02-28

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 69

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm'	dd.dddd	dd°	mm.mmm'
Start	08:47	0.0	15	90.3375	90°	20.250'	21.2917	21°	17.500'
End	09:17	0.0	18	90.3428	90°	20.570'	21.2628	21°	15.770'
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
731	APOOS01	124	Ostorhinchus fasciatus	0.787
732	ARMAR02	130	Ariomma indica	0.006
733	BOTPS02	138	Pseudorhombus elevatus	0.036
734	CARAU01	127	Atropus atropus	0.240
735	CARSA01	132	Selar crumenophthalmus	1.162
736	CRACA16	118	Calappa lophos	0.503
737	CRAP038	119	Portunus sanguinolentus	0.376
738	CRAVA01	133	Varuna litterata	0.012
739	CYGCY04	141	Cynoglossus arel	0.856
740	CYGCY28	142	Cynoglossus macrolepidotus	0.544
741	DREDR03	131	Drepane longimana	0.218
742	EPHEP01	122	Ephippus orbis	0.100
743	LEILE04	126	Leiognathus fasciatus	0.870
744	LEILE07	129	Leiognathus bindus	0.193
745	PLAPL01	120	Platycephalus indicus	0.440
746	PLASU02	125	Suggrundus macracanthus	0.043
747	PODPO06	121	Pomadasys maculatus	1.197
748	RAYNE13	135	Narcine timlei	0.136
749	SCMRA03	143	Rastrelliger faughni	0.126
750	SIGSI01	128	Siganus canaliculatus	0.182
751	SQUL071	139	Uroteuthis duvauceli	1.063
752	SQUSE14	137	Sepia pharaonis	0.536
753	SQUSE18	136	Sepia esculenta	0.147
754	SQUSE1G	140	Sepia acuelata	1.410
755	SYNSA02	117	Saurida tumbil	3.900
756	TETLA07	134	Lagocephalus guntheri	1.414
757	THETH01	123	Terapon jarbua	0.433
Total catch:				16.930

Bangladesh Marine Fisheries Shrimp Survey
2022-03-02

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 70
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	12:13	0.0	24	91.6097	91° 36.580'	21.3190	21° 19.140
End	12:43	0.0	25	91.5783	91° 34.700'	21.3133	21° 18.800
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
758	APOOS01	258	Ostorhinchus fasciatus	0.011
759	CARME01	255	Megalaspis cordyla	0.159
760	CARPA01	244	Parastromateus niger	5.100
761	CLUSL12	275	Sardinella melanura	0.014
762	CLUTE03	242	Tenuالosa ilisha	5.000
763	CRAMT01	253	Matuta plaripes	0.142
764	CRAP015	252	Charybdis feriata	0.027
765	CRAP038	251	Portunus sanguinolentus	0.177
766	CYGCY04	248	Cynoglossus arel	0.091
767	CYGCY28	247	Cynoglossus macrolepidotus	0.214
768	ENGC001	259	Coilia dussumieri	1.553
769	ENGST03	273	Stolephorus indicus	0.040
770	ENGST06	257	Stolephorus heterolobus *	6.850
771	ENGTH02	272	Thryssa mystax	0.082
772	LEILE01	250	Secutor insidiator *	18.150
773	MUXC001	267	Congresox talabonoides	0.717
774	PLNEL01	246	Eleutheronema tetradactylum	1.484
775	PODPO06	263	Pomadasys maculatus	0.053
776	PRSil02	274	Ilisha elongata	0.020
777	SCIJO01	245	Johnius belangerii	4.250
778	SCIJO03	268	Johnius carutta	0.068
779	SCIJO10	265	Johnius borniensis	0.212
780	SCiPE04	266	Pennahia anea	0.319
781	SCMSM04	249	Scomberomorus guttatus	1.244
782	SHRPE22	264	Parapenaeopsis styliifera	0.006
783	SHRPE26	271	Parapenaeopsis hardwickii	0.005
784	SHRPE88	269	Metapenaeus brevicornis	0.168
785	SHRSE20	270	Acetes sp.	0.180
786	SQUL071	261	Uroteuthis duvauceli	0.125
787	SQUSE18	262	Sepia esculenta	0.415
788	STRPA01	243	Pampus argenteus	1.354
789	TETLA07	254	Lagocephalus guntheri	0.016
790	TRILT01	260	Lepturacanthus savala	24.650
791	TRNTR01	256	Triacanthus biaculeatus	0.177
Total catch:				73.073

Bangladesh Marine Fisheries Shrimp Survey
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Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 71
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude			Latitude		
				dd.dddd	dd°	mm.mmm'	dd.dddd	dd°	mm.mmm'
Start	08:52	0.0	14	90.1368	90°	8.210'	21.3430	21°	20.580'
End	09:22	0.0	18	90.1298	90°	7.790'	21.3127	21°	18.760'
Length	:30	0.0							

Sl#	Code	Sample#	Species	Weight (kg)
792	APOOS01	49	Ostorhinchus fasciatus	0.844
793	BOTPS09	62	Pseudorhombus malayanus	0.466
794	CARAU01	36	Atropus atropus	0.076
795	CARCS08	54	Carangoides hedlandensis	0.085
796	CLUSL06	46	Sardinella fimbriata	0.311
797	CRACA16	39	Calappa lophos	0.915
798	CRAP015	38	Charybdis feriata	0.794
799	CRAP038	41	Portunus sanguinolentus	0.672
800	CYGCY26	61	Cynoglossus lingua	0.412
801	DIODI01	53	Diodon hystrix	0.099
802	DREDR03	34	Drepane longimana	1.581
803	EPHEP01	33	Ephippus orbis	0.025
804	LEILE07	47	Leiognathus bindus	1.078
805	LEILE09	48	Leiognathus brevirostris	0.500
806	MULUP05	56	Upeneus sulphureus	0.003
807	NEMNE03	50	Nemipterus japonicus	1.900
808	PLAPL01	37	Platycephalus indicus	0.492
809	PODPO06	55	Pomadasys maculatus	1.309
810	RAYDA93	52	Himantura imbricata	0.271
811	RAYNE13	45	Narcine timplei	0.043
812	SCMRA03	40	Rastrelliger faughni	0.137
813	SQUL071	59	Uroteuthis duvauceli	1.712
814	SQUOC11	60	Octopus vulgaris	0.022
815	SQUSE18	58	Sepia esculenta	0.169
816	SQUSE1G	57	Sepia acuelata	0.800
817	STRPA02	35	Pampus chinensis	0.346
818	SYNSA02	42	Saurida tumbil	0.946
819	TETLA03	43	Lagocephalus lunaris	0.169
820	TETLA07	51	Lagocephalus guntheri	2.700
821	THETH01	44	Terapon jarbua	0.236
Total catch:				19.113

Bangladesh Marine Fisheries Shrimp Survey
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Annex 1. Catch Summaries

Survey: 2021203
Stratum: 10203
Station: 72

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	07:28	0.0	20	91.8398	91° 50.390'	21.3877	21° 23.260
End	07:58	0.0	20	91.8383	91° 50.300'	21.3700	21° 22.200
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
822	APOOS01	352	Ostorhinchus fasciatus	0.004
823	ARMAR02	348	Ariomma indica	0.020
824	CARCS08	359	Carangoides hedlandensis	0.093
825	CARPA01	360	Parastromateus niger	0.002
826	CRAP016	356	Charybdis natator	0.047
827	CRAP03B	340	Portunus pelagicus	0.151
828	CYGCY04	358	Cynoglossus arel	0.346
829	ENGST06	354	Stolephorus heterolobus *	0.066
830	EPHEP01	349	Ephippus orbis	0.170
831	LEISE01	350	Secutor insidiator	0.757
832	LUTLU07	351	Lutjanus indicus	0.040
833	LUTLU17	369	Lutjanus erythropterus	0.040
834	PLASU02	347	Suggrundus macracanthus	0.009
835	PODPO06	345	Pomadasys maculatus	0.061
836	RAYDA93	339	Himantura imbricata	0.177
837	SCIJO01	362	Johnius belangerii	0.246
838	SCIJO03	364	Johnius carutta	0.118
839	SCIJO10	365	Johnius bornienseis	0.135
840	SCIZE04	363	Pennahia anea	0.045
841	SCMSM04	338	Scomberomorus guttatus	1.892
842	SHRPE22	344	Parapenaeopsis stylifera	0.017
843	SHRPE23	366	Parapenaeopsis sculptitis	0.004
844	SHRPE28	367	Parapenaeopsis uncta	0.085
845	SHRPE88	342	Metapenaeus brevicornis	0.012
846	SQUL071	355	Uroteuthis duvauceli	0.388
847	SQUSE14	353	Sepia pharaonis	0.221
848	SQUSE18	357	Sepia esculenta	0.210
849	SQUSE1G	368	Sepia acuelata	0.143
850	STRPA01	337	Pampus argenteus	0.773
851	SYGHI07	346	Hippocampus kuda	0.002
852	TETLA07	343	Lagocephalus guntheri	1.358
853	TRIEU01	341	Eupleurogrammus muticus	3.700
854	TRNTR01	336	Triacanthus biaculeatus	27.000
855	UNIDE00	361	UNIDENTIFIED FISH	0.006
Total catch:				38.338

Bangladesh Marine Fisheries Shrimp Survey
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Annex 1. Catch Summaries

Survey: 2021203
Stratum: 10203
Station: 74

Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm'	dd.dddd	dd° mm.mmm'
Start	09:50	0.0	25	91.6843	91° 41.060'	21.3550	21° 21.300'
End	10:20	0.0	24	91.6843	91° 41.060'	21.3805	21° 22.830'
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
856	APOOS01	322	Ostorhinchus fasciatus	0.016
857	ARDAR01	327	Arius heudelotii	0.475
858	ARDOS01	370	Osteogeneiosus miliataris	0.475
859	ARMAR02	324	Ariomma indica	0.009
860	CARCA04	326	Caranx (Caranx) sexfasciatus	0.089
861	CARCA04	311	Caranx (Caranx) sexfasciatus	0.516
862	CRAMT01	334	Matuta plaripes	0.113
863	CRAP015	316	Charybdis feriata	0.002
864	CRAP017	315	Charybdis annulata	0.019
865	CRAP038	307	Portunus sanguinolentus	0.570
866	CRAP03B	308	Portunus pelagicus	0.108
867	ENGCO01	317	Coilia dussumieri	0.009
868	GOBTR02	314	Trypochen vagina	0.026
869	LEISE01	323	Secutor insidiator	0.246
870	SCICH01	333	Chrysochir aureus	0.339
871	SCIJO01	328	Johnius belangerii	2.700
872	SCIJO03	371	Johnius carutta	2.828
873	SCIOS02	331	Otolithoides pama	0.151
874	SCIPE04	330	Pennahia anea	1.154
875	SCIPR01	332	Protonibea diacanthus	0.073
876	SHRPE22	329	Parapenaeopsis stylifera	0.662
877	SHRPE28	325	Parapenaeopsis uncta	0.038
878	SHRPE88	321	Metapenaeus brevicornis	0.089
879	SILSI01	312	Sillago sihama	0.055
880	SQUL071	318	Uroteuthis duvauceli	0.256
881	SQUSE18	319	Sepia esculenta	0.220
882	STRPA01	309	Pampus argenteus	0.919
883	SYNHA01	313	Harpadon nehereus	0.071
884	TETLA07	310	Lagocephalus guntheri	0.158
885	TRIEU01	335	Eupleurogrammus muticus	2.600
886	TRILT01	320	Lepturacanthus savala	0.196
Total catch:				15.182

Bangladesh Marine Fisheries Shrimp Survey
2022-03-02

Annex 1. Catch Summaries

Survey: 2021203
Stratum: 0
Station: 76
Gear:
Gear number 0

	Time (BST)	Log (nm)	Depth (m)	Longitude		Latitude	
				dd.dddd	dd° mm.mmm	dd.dddd	dd° mm.mmm
Start	14:51	0.0	20	91.5870	91° 35.220'	21.4058	21° 24.350
End	15:21	0.0	20	91.5875	91° 35.250'	21.4157	21° 24.940
Length	:30	0.0					

Sl#	Code	Sample#	Species	Weight (kg)
887	BELST01	281	Strongylura leiura	0.822
888	BGRBR01	288	Bregmaceros maccelellandi	0.022
889	CLUAN01	285	Anodontostoma chacunda	0.727
890	CLUTE03	276	Tenualosa ilisha	0.317
891	CRAMT01	294	Matuta plaripes	0.025
892	CRAP015	304	Charybdis feriata	0.006
893	CRAP020	291	Charybdis smithi	0.394
894	CRAP038	290	Portunus sanguinolentus	0.056
895	ENGCO01	287	Coilia dussumieri	0.077
896	ENGSE01	289	Setipinna taty	0.047
897	ENGST03	292	Stolephorus indicus	0.798
898	GOBTR02	284	Trypochen vagina	0.112
899	LEISE01	299	Secutor insidiator	0.065
900	LOBLO01	278	Lobotes surinamensis	4.600
901	PLNEL01	279	Eleutheronema tetradactylum	0.295
902	SCIPR01	282	Protonibea diacanthus	0.162
903	SHRPE23	296	Parapenaeopsis sculptitis	0.103
904	SHRPE32	302	Parapenaeus longipes	0.006
905	SHRPE79	301	Metapenaeus dobsoni	0.029
906	SHRPE88	295	Metapenaeus brevicornis	0.104
907	SHRPM23	297	Nematopalaemon tenuipes	0.017
908	SHRPM31	300	Exopalaemon styliferus	0.430
909	SHRS016	303	Solenocera crassicornis	0.016
910	SILSI01	286	Sillago sihama	0.062
911	SQUL071	306	Uroteuthis duvauceli	0.091
912	SQUSE18	298	Sepia esculenta	0.038
913	STRPA01	277	Pampus argenteus	1.890
914	SYNHA01	283	Harpadon nehereus	7.150
915	TETLA05	305	Lagocephalus spadiceus	0.006
916	TRIEU01	280	Eupleurogrammus muticus	1.544
917	TRILT01	293	Lepturacanthus savala	4.100
Total catch:				24.111