



भारतसरकार / GOVERNMENT OF INDIA
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

नौवहनमहानिदेशालय, मुंबई
DIRECTORATE GENERAL OF SHIPPING, MUMBAI

F. No. 23-CIR/1/2021-CREW-DGS

Dated: 22.03.2021

DGS Circular No. 8 of 2021

Subject: Statistics of engagement of Indian seafarers on Indian / Foreign flag merchant ships from 2010 to 2020 – reg.

As per the database of Indian seafarers available with the Directorate General of Shipping in its e-governance system, the statistics pertaining to Indian seafarers employed during the years 2010 to 2020 is appended with this Circular for information.

Enclosure(s): As above

[Subhash Barguzer]

Deputy Director General of Shipping (Crew)

To

1. All stakeholders through DGS website
2. Computer Cell, Directorate General of Shipping [*with a request to host this Circular on DGS website*]
3. Hindi Cell, Directorate General of Shipping [*for Hindi version*]

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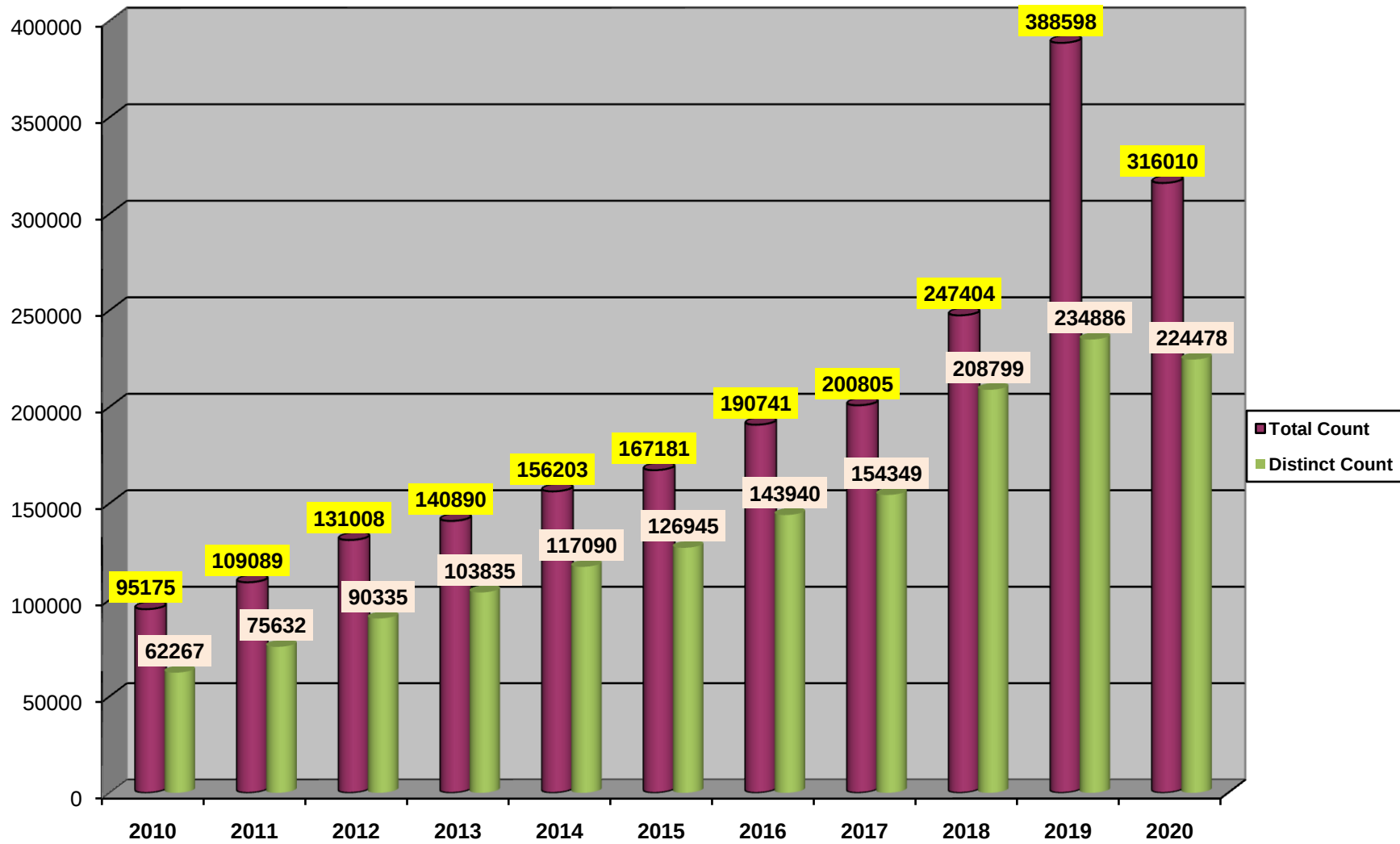
1. The Secretary to the Government of India, Ministry of Ports, Shipping and Waterways, Transport Bhavan, 1, Parliament Street, New Delhi – 110001

बीटा बिल्डींग, 9वी मंजिल, आई थिंक टेक्नो कैम्पस, कांजूर गौव रोड, कांजूर मार्ग (पूर्व), मुंबई -400042

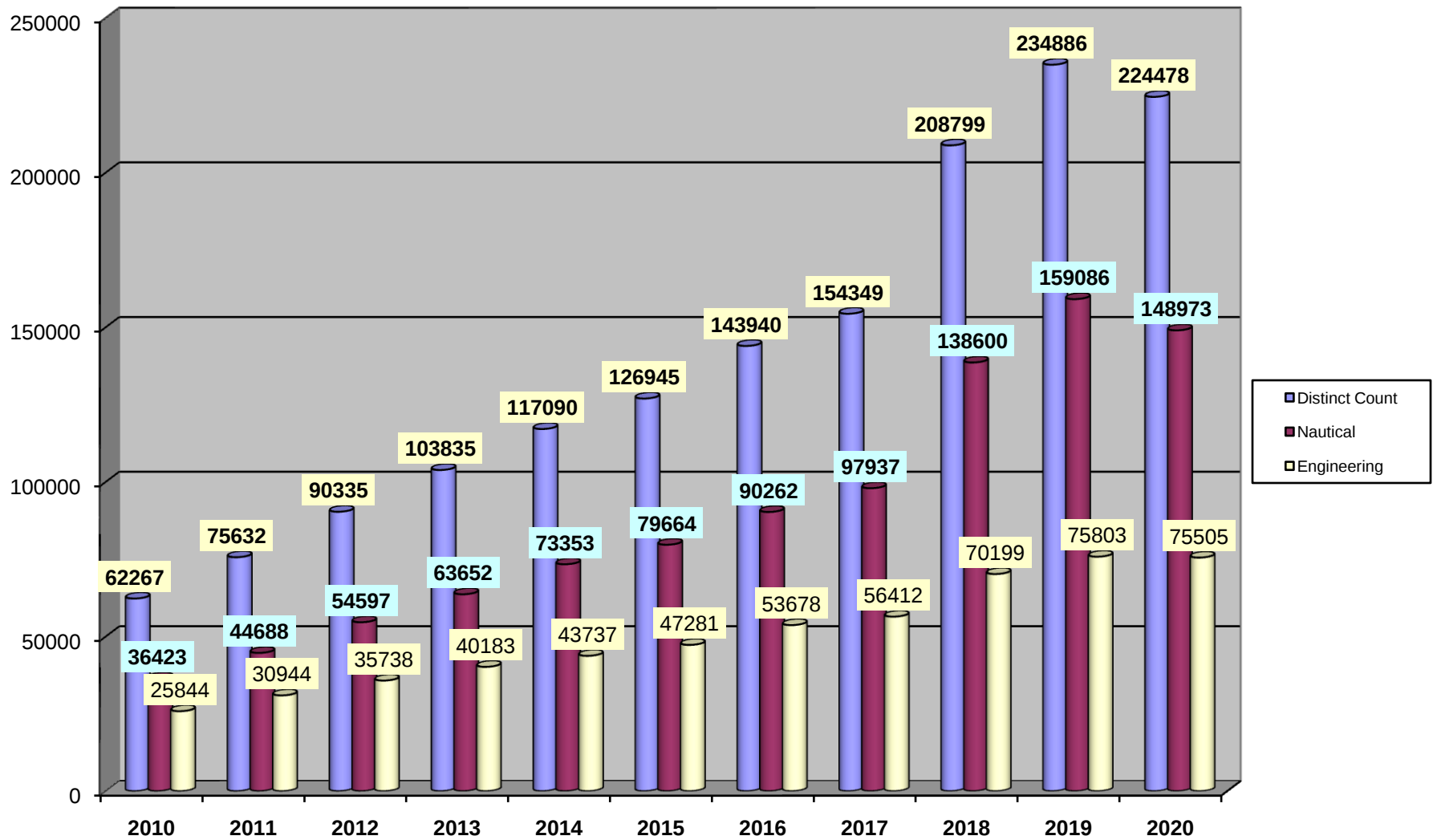
9th Floor, BETA Building, I-Think Techno Campus, Kanjur Village Road Kanjurmarg (E) / Mumbai -400042

फोन/Tel.: 91-22-25752040/1/2/3, फैक्स/Fax.: 91-22-25752029/35 ई-मेल/E-mail: dgship-dgs@nic.in वेबसाइट/Website: www.dgshipping.gov.in

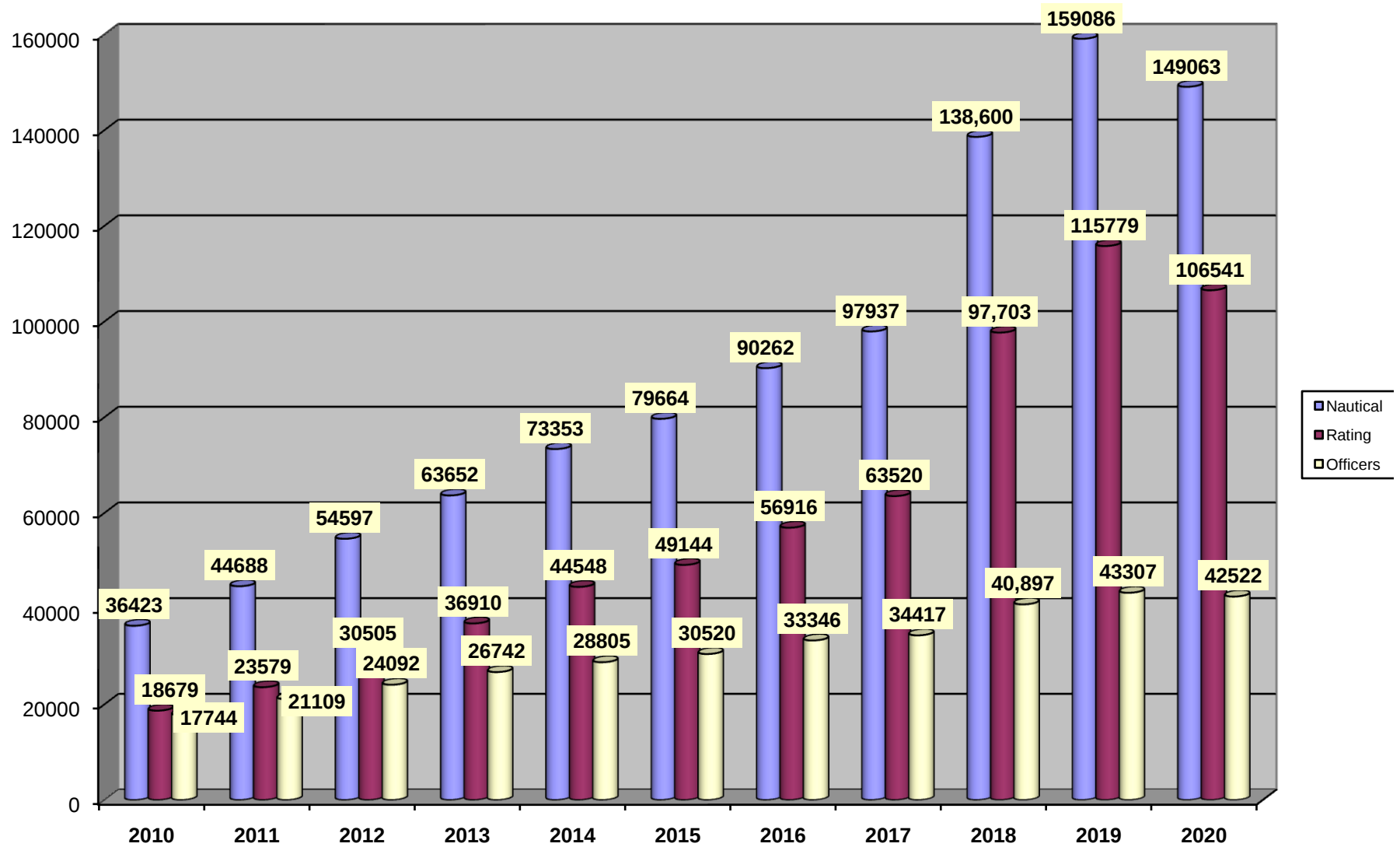
Engagement of Indian Seafarers of Indian Flag / Foreign Flag Ship During 2010-2020



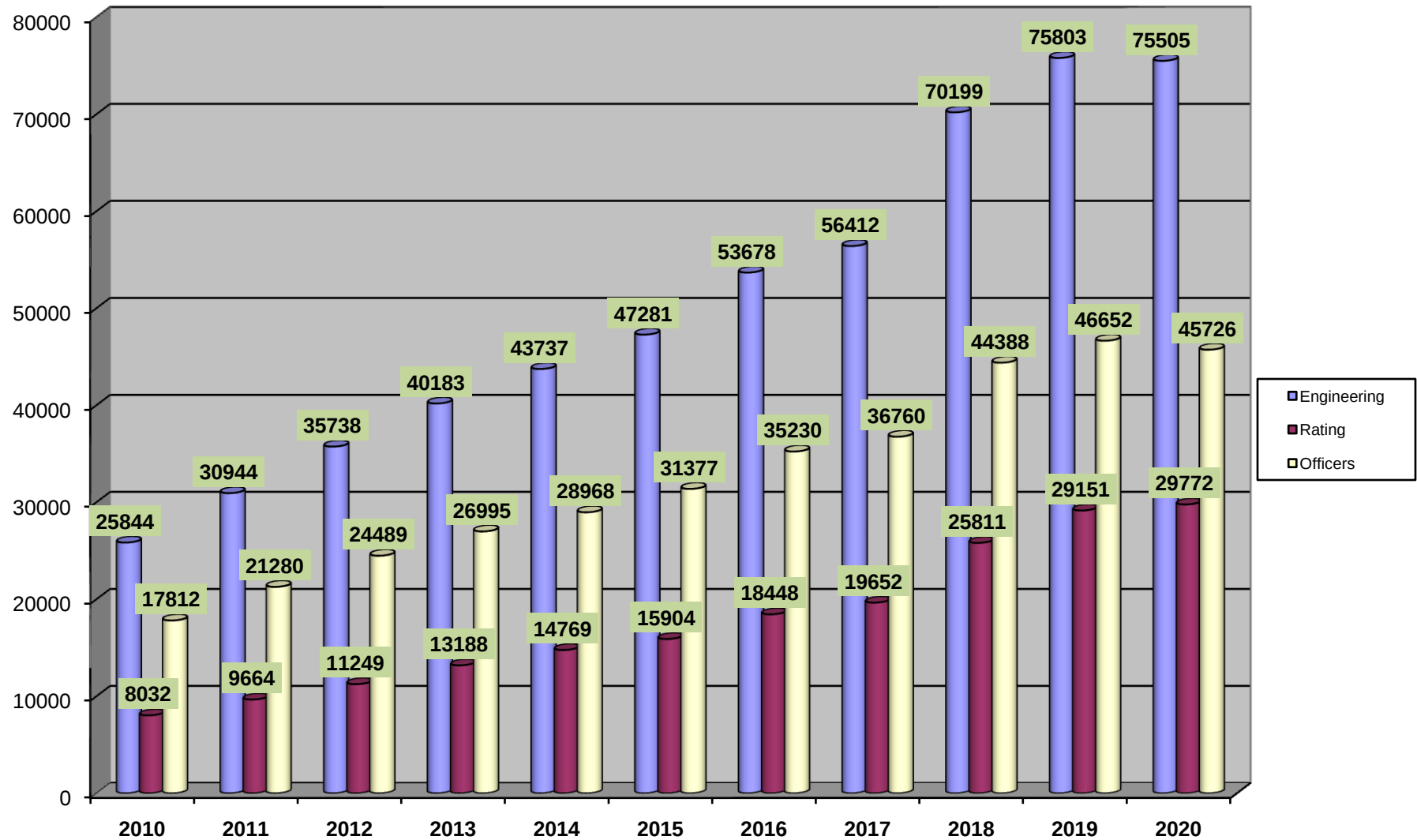
Engagement of Indian Seafarer of Indian Flag / Foreign Flag Ship During 2010-2020



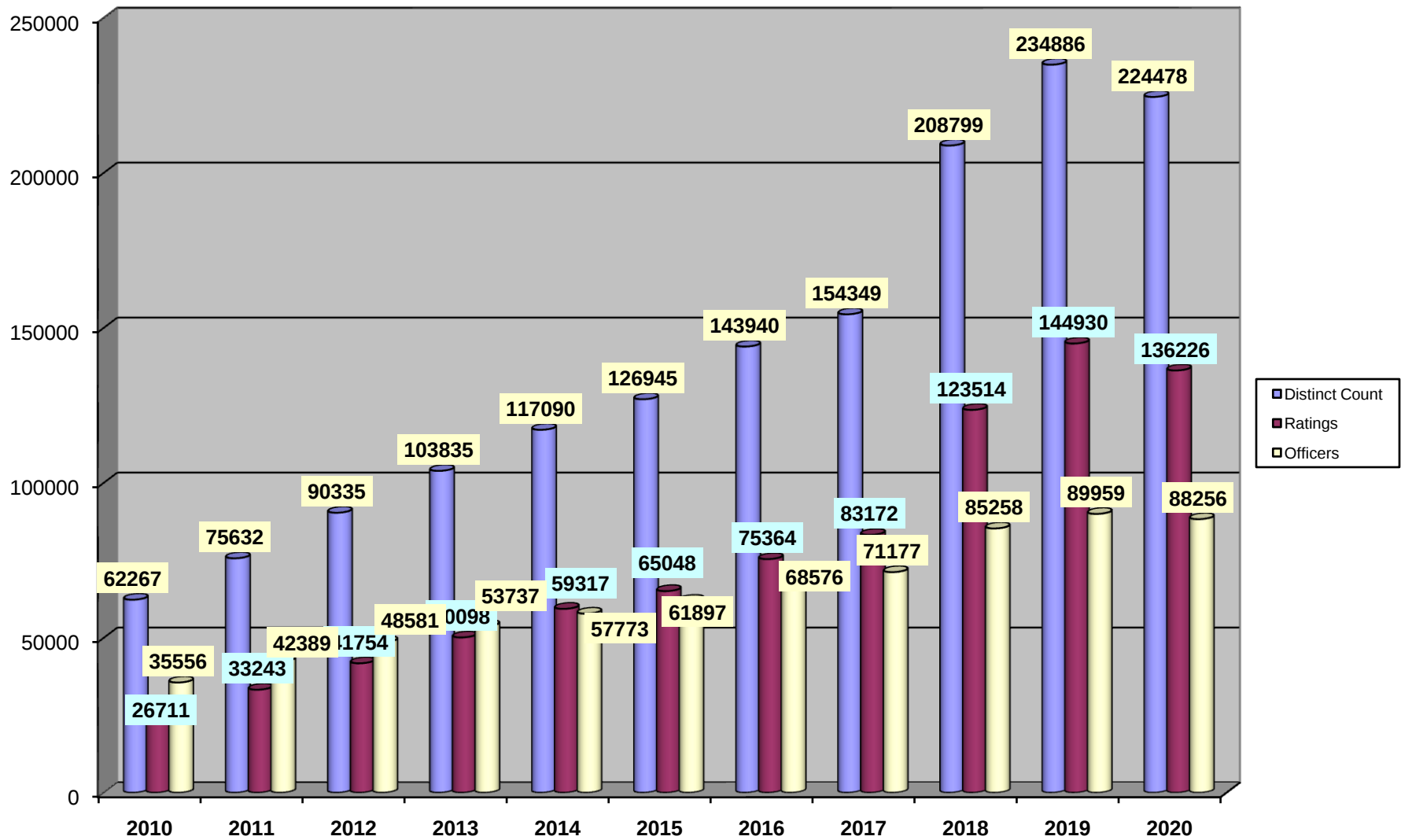
Engagement of Indian Seafarer (Deck) of Indian Flag / Foreign Flag Ship During 2010-2020



Engagement of Indian Seafarer (Engg.) of Indian Flag / Foreign Flag Ship During 2010-2020



Engagement of Indian Seafarer of Indian Flag / Foreign Flag Ship During 2010-2020



Seafarer Engagement Details				
Year	Total Count	Distinct Count	Nautical	Engineering
2010	95175	62267	36423	25844
2011	109089	75632	44688	30944
2012	131008	90335	54597	35738
2013	140890	103835	63652	40183
2014	156203	117090	73353	43737
2015	167181	126945	79664	47281
2016	190741	143940	90262	53678
2017	200805	154349	97937	56412
2018	247404	208799	138600	70199
2019	388598	234886	159086	75803
2020	316010	224478	148973	75505

Seafarer Engagement Details (Rating and Officers)				
Year	Total Count	Distinct Count	Ratings	Officers
2010	95175	62267	26711	35556
2011	109089	75632	33243	42389
2012	131008	90335	41754	48581
2013	140890	103835	50098	53737
2014	156203	117090	59317	57773
2015	167181	126945	65048	61897
2016	190741	143940	75364	68576
2017	200805	154349	83172	71177
2018	247404	208799	123514	85258
2019	388598	234886	144930	89959
2020	316010	224478	136226	88256

Seafarer Engagement Details for Nautical (Rating and Officers)				
Year	Distinct Count	Nautical	Rating	Officers
2010	62267	36423	18679	17744
2011	75632	44688	23579	21109
2012	90335	54597	30505	24092
2013	103835	63652	36910	26742
2014	117090	73353	44548	28805
2015	126945	79664	49144	30520
2016	143940	90262	56916	33346
2017	154349	97937	63520	34417
2018	208799	138,600	97,703	40,897
2019	234886	159086	115779	43307
2020	224478	149063	106541	42522

Seafarer Engagement Details for Engineering (Rating and Officers)				
Year	Distinct Count	Engineering	Rating	Officers
2010	62267	25844	8032	17812
2011	75632	30944	9664	21280
2012	90335	35738	11249	24489
2013	103835	40183	13188	26995
2014	117090	43737	14769	28968
2015	126945	47281	15904	31377
2016	143940	53678	18448	35230
2017	154349	56412	19652	36760
2018	208799	70199	25811	44388
2019	234886	75803	29151	46652
2020	224478	75505	29772	45726

Year	Distinct Count
2013	103835
2014	117090
2015	126945
2016	143940
2017	154349
2018	208799
2019	234886
2020	224478

Nautical Rrating and Officers Details												
		YEARS										
Sr.No.	Rank Decsription	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Rating Ranks												
1	Catering Officer/Chief Steward	197	223	215	246	502	440	417	621	334	296	329
2	Cook	3,314	3,918	4,529	5,201	6,208	6,359	7,271	7,656	9305	9,947	10,072
3	Trainee Saloon Rating	45	48	43	52	82	130	229	470	744	838	771
4	Cook Trainee	10	26	24	52	89	129	218	330	529	686	559
5	Deck Petty Officer	1,059	1,166	1,253	1,309	1,396	1,468	1,674	1,774	1828	1,894	1,839
6	Deck Watchkeeping Rating	5,613	6,749	8,022	9,008	9,666	9,826	10,781	10,818	11805	10,871	10,919
7	Deck Serang	2,365	2,512	2,689	2,755	2,865	2,760	2,857	2,755	2315	1,698	1,560
8	Deck Rating	2,282	3,018	3,802	4,626	5,791	6,795	8,158	8,635	8998	8,483	7,827
9	Trainee Deck Rating	86	112	130	160	242	478	1,078	2,312	4207	6,247	5,767
10	Saloon Rating	1,921	3,153	5,026	6,609	8,580	9,462	10,394	9,379	6804	6,425	6,379
11	NCV (Deck)	0	0	2	12	8	16	25	49	47	45	43
12	Hospitality Staff	37	128	229	554	837	823	1,091	1,689	4611	6,770	5,378
13	Hospitality Staff (New Entrant)	0	0	2	5	12	19	20	244	922	978	855
14	Ordinary Seaman	96	140	197	339	500	620	949	1,035	3126	5,446	5,928
15	A B	708	867	1,093	1,276	1,433	1,594	1,979	2,224	5378	7,823	8,408
16	Seaman	20	32	45	52	77	174	299	334	886	533	231
17	Deck Stwd	2	4	3	2	6	15	26	36	34	60	52
18	H K Cleaner	0	0	0	3	14	35	69	139	99	114	82
19	Wiper	15	25	4	78	119	161	261	289	952	1,749	1,989
20	Campboss	7	10	50	14	15	13	15	19	47	80	77
21	Reefer	4	3	13	4	4	7	7	7	10	2	21
22	Assitant Reefer	349	1	4	0	3	7	5	10	38	21	34
23	Bosun	0	386	426	459	460	487	593	606	1442	2,014	2,361
24	Carpenter	0	0	0	2	6	6	5	9	48	63	38
25	Cruise Vessel Employees	27	462	1,950	3,040	4,250	5,694	6,538	9,349	20862	26,037	22,117
26	Officer (Others)	174	241	265	259	257	311	317	358	1277	1,441	670
27	Doctor-Assistant	0	2	2	2	4	7	15	19	41	43	55
28	Crew (Others)	185	174	265	545	795	898	947	1,409	9969	14,265	11,348
29	Trainee Polyvalent Officer	10	3	1	0	0	1	1	1	1		
30	GP Rating	139	167	209	233	291	354	534	686	690	457	348
31	GP Rating Trainee	14	9	12	13	36	54	143	257	351	448	391
32	Cadet / Rating appeared for CoC Exam	0	0	0	0	0	1	0	1	2	1	0
33	Assitant Campboss	0	0	0	0	0	0	0	0	1	3	1
34	Handler										1	2
Nautical Ratings Total		18,679	23,579	30,505	36,910	44,548	49,144	56,916	63,520	97,703	115,779	106,451

Officer Ranks												
35	Master	5,938	6,490	7,063	7,204	7,080	7,020	7,023	6,742	7372	7,800	7,967
36	Chief Officer	4,560	5,115	5,417	5,592	5,781	5,979	6,261	6,361	7116	7,486	7,652
37	Second Officer	4,403	5,303	5,921	6,373	6,900	7,057	7,185	7,006	8449	9,198	9,075
38	Watch Keeping Deck Officer OINW or Third officer	1,689	2,594	3,592	4,464	4,695	4,737	5,696	6,824	8117	8,543	8,079
39	Cadet(Nautical Science)	345	569	771	1,406	2,322	3,576	4,718	4,822	5895	5,591	5,090
40	Master (NCV)	152	225	259	282	301	317	322	295	356	374	376
41	Chief Officer (NCV)	163	183	223	247	282	284	300	313	357	372	350
42	Second Officer (NCV)	112	128	180	194	253	266	278	274	290	243	220
43	Watch Keeping Deck Officer (NCV) OINW	155	184	258	332	354	373	439	394	508	396	354
44	Other Senior Deck/Nautical Officers	44	47	53	65	76	78	64	74	192	230	175
45	Other Deck/Nautical Officers	33	47	49	164	271	296	327	339	244	350	408
46	Deck Cadet	18	28	70	177	225	278	438	645	1404	2,004	2,159
47	Junior Officer	14	15	27	30	52	41	27	59	220	310	224
48	Medical Officer (Doctor)	9	7	14	17	21	15	15	24	63	71	60
49	Radio Officer	100	165	177	184	184	199	246	241	312	320	314
50	Junior Radio Officer	2	4	8	4	4	1	2	1	0		1
51	Radio Officer Trainee	7	5	10	7	4	3	5	3	2	3	5
52	Dredge Master Grade I										13	9
53	Dredge Master Grade II										3	4
Nautical Officers Total		17,744	21,109	24,092	26,742	28,805	30,520	33,346	34,417	40,897	43,307	42,522

Engineering Ratings and Officers Details

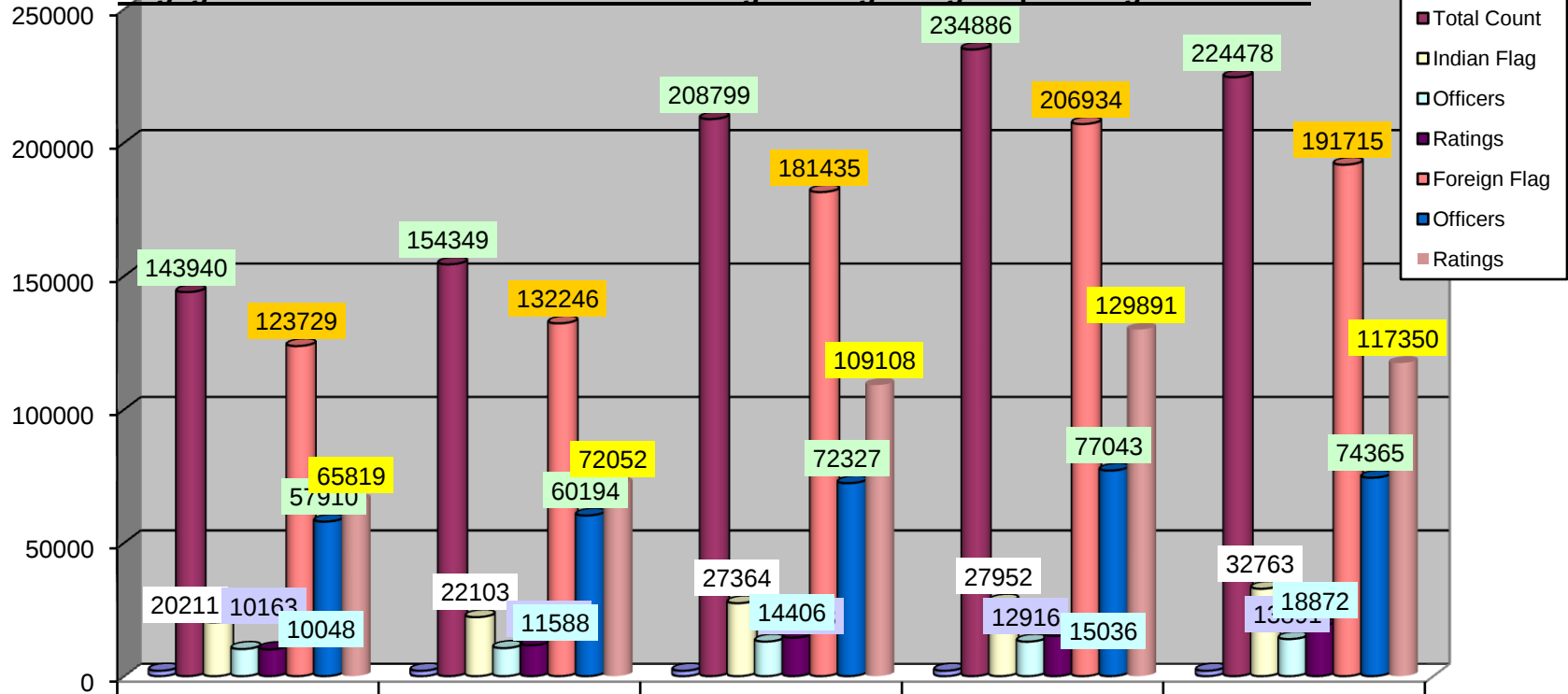
		Engineering Ratings and Officers Details										
Sr.No.	Rank Decsription	YEARS										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Rating Ranks												
1	Engine Petty Officer	2,317	2,607	2,917	3,453	3,978	4,291	4,862	5,073	5971	6,452	6943
2	Watch keeping Motor Man	3,329	4,053	4,627	5,431	5,856	6,083	6,866	6,886	6790	6,024	5240
3	Engine Serang	32	36	56	41	40	44	54	54	57	41	42
4	Engine Rating	1,370	1,708	2,133	2,513	2,939	3,131	3,576	3,765	3823	3,612	3711
5	Trainee Engine Rating	39	71	78	98	160	322	620	1,105	2135	3,105	2784
6	Oiler	483	643	825	1,014	1,114	1,296	1,629	1,816	3995	5,432	5879
7	Motorman	217	255	285	309	330	351	400	390	1531	2,342	2908
8	Gen Engg	1	1	1	1	2	1	2	2	8	3	3
9	Pumpman	203	237	260	252	269	275	306	326	858	1,282	1479
10	Crane Operator	32	45	55	61	56	84	96	151	338	410	416
11	Mechanic	9	8	12	15	25	26	37	84	305	430	304
12	Pipe Operator										1	3
13	Skipper										3	2
14	Electro Technical Rating										11	27
15	Electro Technical Cadet										3	31
Engineering Ratings Total		8,032	9,664	11,249	13,188	14,769	15,904	18,448	19,652	25,811	29,151	29,772
Officer Ranks												
17	Chief Engineer	5,336	5,876	6,397	6,610	6,475	6,338	6,472	6,218	6832	7,137	7077
18	2nd Engineer	4,396	4,988	5,558	5,921	5,988	6,069	6,359	6,424	7309	7,634	7804
19	3rd Engineer	3,115	3,958	4,761	5,296	5,715	6,094	6,360	6,098	7516	8,334	8450
20	Watch Keeping Engineer Officer OICEW	777	1,288	1,912	2,678	3,428	4,043	4,993	5,766	7186	7,539	7423
21	Trainee Marine Engineer	247	292	377	524	768	1,528	2,572	3,109	4325	4,302	3687
22	Engineer Cadet	48	57	66	83	125	278	700	1,011	1357	1,298	1084
23	Chief Engineer (NCV)	203	301	358	381	401	428	454	438	522	514	514
24	2nd Engineer (NCV)	142	210	256	311	337	353	385	364	409	388	400
25	Watchkeeping Engineer Officer (NCV) OICEW	77	138	189	226	259	284	325	313	404	374	331
26	Electrical/Electronics Officer	2,746	3,323	3,671	3,988	4,337	4,633	4,806	4,601	4128	3,560	3272
27	Assitant Electrical/Electronics Officer	253	271	295	295	358	499	864	1,370	1792	1,854	1710
28	Other Senior Engineering Officers	17	19	20	19	12	22	49	55	110	189	126
29	Other Engineering Officers	133	150	166	168	215	220	285	345	425	470	448
30	Electro Technical Officer	322	409	463	495	550	588	606	648	2027	2,978	3311
31	Marine Engineer	0	0	0	0	0	0	0	0	46	78	85
32	Dredge Engineer Grade I										3	4
Engineering OfficersTotal		17,812	21,280	24,489	26,995	28,968	31,377	35,230	36,760	44,388	46,652	45,726

Rating and Officers

		YEARS										
Sr.No.	Rank Description	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Rating Ranks												
1	Catering Officer/Chief Steward	197	223	215	246	502	440	417	621	334	296	329
2	Cook	3,314	3,918	4,529	5,201	6,208	6,359	7,271	7,656	9305	9,947	10072
3	Trainee Saloon Rating	45	48	43	52	82	130	229	470	744	838	771
4	Cook Trainee	10	26	24	52	89	129	218	330	529	686	559
5	Deck Petty Officer	1,059	1,166	1,253	1,309	1,396	1,468	1,674	1,774	1828	1,894	1839
6	Deck Watchkeeping Rating	5,613	6,749	8,022	9,008	9,666	9,826	10,781	10,818	11805	10,871	10919
7	Deck Serang	2,365	2,512	2,689	2,755	2,865	2,760	2,857	2,755	2315	1,698	1560
8	Deck Rating	2,282	3,018	3,802	4,626	5,791	6,795	8,158	8,635	8998	8,483	7827
9	Trainee Deck Rating	86	112	130	160	242	478	1,078	2,312	4207	6,247	5767
10	Saloon Rating	1,921	3,153	5,026	6,609	8,580	9,462	10,394	9,379	6804	6,425	6379
11	NCV (Deck)	0	0	2	12	8	16	25	49	47	45	43
12	Hospitality Staff	37	128	229	554	837	823	1,091	1,689	4611	6,770	5378
13	Hospitality Staff (New Entrant)	0	0	2	5	12	19	20	244	922	978	855
14	Ordinary Seaman	96	140	197	339	500	620	949	1,035	3126	5,446	5928
15	A B	708	867	1,093	1,276	1,433	1,594	1,979	2,224	5378	7,823	8408
16	Seaman	20	32	45	52	77	174	299	334	886	533	231
17	Deck Stwd	2	4	3	2	6	15	26	36	34	60	52
18	H K Cleaner	0	0	0	3	14	35	69	139	99	114	82
19	Wiper	15	25	4	78	119	161	261	289	952	1,749	1989
20	Campboss	7	10	50	14	15	13	15	19	47	80	77
21	Reefer	4	3	13	4	4	7	7	7	10	2	21
22	Assitant Reefer	349	1	4	0	3	7	5	10	38	21	34
23	Bosun	0	386	426	459	460	487	593	606	1442	2,014	2361
24	Carpenter	0	0	0	2	6	6	5	9	48	63	38
25	Cruise Vessel Employees	27	462	1,950	3,040	4,250	5,694	6,538	9,349	20862	26,037	22117
26	Officer (Others)	174	241	265	259	257	311	317	358	1277	1,441	670
27	Doctor-Assistant	0	2	2	2	4	7	15	19	41	43	55
28	Crew (Others)	185	174	265	545	795	898	947	1,409	9969	14,265	11348
29	Trainee Polyvalent Officer	10	3	1	0	0	1	1	1	1		
30	GP Rating	139	167	209	233	291	354	534	686	690	457	348
31	GP Rating Trainee	14	9	12	13	36	54	143	257	351	448	391
32	Cadet / Rating appeared for CoC Exam	0	0	0	0	0	1	0	1	2	1	0
33	Handler										1	2
34	Engine Petty Officer	2,317	2,607	2,917	3,453	3,978	4,291	4,862	5,073	5971	6,452	6943
35	Watch keeping Motor Man	3,329	4,053	4,627	5,431	5,856	6,083	6,866	6,886	6790	6,024	5240
36	Engine Serang	32	36	56	41	40	44	54	54	57	41	41
37	Engine Rating	1,370	1,708	2,133	2,513	2,939	3,131	3,576	3,765	3823	3,612	3711
38	Trainee Engine Rating	39	71	78	98	160	322	620	1,105	2135	3,105	2784
39	Oiler	483	643	825	1,014	1,114	1,296	1,629	1,816	3995	5,432	5879
40	Motorman	217	255	285	309	330	351	400	390	1531	2,342	2908
41	Gen Engg	1	1	1	1	2	1	2	2	8	3	3
42	Pumpman	203	237	260	252	269	275	306	326	858	1,282	1479
43	Crane Operator	32	45	55	61	56	84	96	151	338	410	416
44	Mechanic	9	8	12	15	25	26	37	84	305	430	304
45	Assitant Campboss	0	0	0	0	0	0	0	0	1	3	1
46	Pipe Operator										1	3
47	Skipper										3	2
48	Electro Technical Rating										11	27
49	Electro Technical Cadet										3	31
Total Ratings		26,711	33,243	41,754	50,098	59,317	65,048	75,364	83,172	123,514	144,930	136,222

		YEARS										
Sr.No.	Rank Description	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Officer Ranks												
1	Master	5,938	6,490	7,063	7,204	7,080	7,020	7,023	6,742	7372	7,800	7967
2	Chief Officer	4,560	5,115	5,417	5,592	5,781	5,979	6,261	6,361	7116	7,486	7652
3	Second Officer	4,403	5,303	5,921	6,373	6,900	7,057	7,185	7,006	8449	9,198	9075
4	Watch Keeping Deck Officer OINW or Third officer	1,689	2,594	3,592	4,464	4,695	4,737	5,696	6,824	8117	8,543	8079
5	Cadet(Nautical Science)	345	569	771	1,406	2,322	3,576	4,718	4,822	5895	5,591	5090
6	Master (NCV)	152	225	259	282	301	317	322	295	356	374	376
7	Chief Officer (NCV)	163	183	223	247	282	284	300	313	357	372	350
8	Second Officer (NCV)	112	128	180	194	253	266	278	274	290	243	220
9	Watch Keeping Deck Officer (NCV) OINW	155	184	258	332	354	373	439	394	508	396	354
10	Other Senior Deck/Nautical Officers	44	47	53	65	76	78	64	74	192	230	175
11	Other Deck/Nautical Officers	33	47	49	164	271	296	327	339	244	350	408
12	Deck Cadet	18	28	70	177	225	278	438	645	1404	2,004	2159
13	Junior Officer	14	15	27	30	52	41	27	59	220	310	224
14	Medical Officer (Doctor)	9	7	14	17	21	15	15	24	63	71	60
15	Radio Officer	100	165	177	184	184	199	246	241	312	320	314
16	Junior Radio Officer	2	4	8	4	4	1	2	1	0	0	1
17	Radio Officer Trainee	7	5	10	7	4	3	5	3	2	3	5
18	Dredge Master Grade I										13	9
19	Dredge Master Grade II										3	4
20	Chief Engineer	5,336	5,876	6,397	6,610	6,475	6,338	6,472	6,218	6832	7,137	7077
21	2nd Engineer	4,396	4,988	5,558	5,921	5,988	6,069	6,359	6,424	7309	7,634	7804
22	3rd Engineer	3,115	3,958	4,761	5,296	5,715	6,094	6,360	6,098	7516	8,334	8450
23	Watch Keeping Engineer Officer OICEW	777	1,288	1,912	2,678	3,428	4,043	4,993	5,766	7186	7,539	7423
24	Trainee Marine Engineer	247	292	377	524	768	1,528	2,572	3,109	4325	4,302	3687
25	Engineer Cadet	48	57	66	83	125	278	700	1,011	1357	1,298	1085
26	Chief Engineer (NCV)	203	301	358	381	401	428	454	438	522	514	514
27	2nd Engineer (NCV)	142	210	256	311	337	353	385	364	409	388	400
28	Watchkeeping Engineer Officer (NCV) OICEW	77	138	189	226	259	284	325	313	404	374	338
29	Electrical/Electronics Officer	2,746	3,323	3,671	3,988	4,337	4,633	4,806	4,601	4128	3,560	3272
30	Assitant Electrical/Electronics Officer	253	271	295	295	358	499	864	1,370	1792	1,854	1710
31	Other Senior Engineering Officers	17	19	20	19	12	22	49	55	110	189	126
32	Other Engineering Officers	133	150	166	168	215	220	285	345	425	470	448
33	Electro Technical Officer	322	409	463	495	550	588	606	648	2027	2,978	3311
34	Marine Engineer	0	0	0	0	0	0	0	0	46	78	85
35	Dredge Engineer Grade I										3	4
Total Officers		35,556	42,389	48,581	53,737	57,773	61,897	68,576	71,177	85,285	89,959	88,256
Total Seafarer		62,267	75,632	90,335	103,835	117,090	126,945	143,940	154,349	208,799	234,889	224,478

Engagement of Indian Seafarer of Indian Flag / Foreign Flag Ship During 2016 - 2020



Year	2016	2017	2018	2019	2020
Total Count	143940	154349	208799	234886	224478
Indian Flag	20211	22103	27364	27952	32763
Officers	10163	10515	12958	12916	13891
Ratings	10048	11588	14406	15036	18872
Foreign Flag	123729	132246	181435	206934	191715
Officers	57910	60194	72327	77043	74365
Ratings	65819	72052	109108	129891	117350

Seafarer Engagement Details							
Year	Total Count	Indian Flag	Officers	Ratings	Foreign Flag	Officers	Ratings
2016	143940	20211	10163	10048	123729	57910	65819
2017	154349	22103	10515	11588	132246	60194	72052
2018	208799	27364	12958	14406	181435	72327	109108
2019	234886	27952	12916	15036	206934	77043	129891
2020	224478	32763	13891	18872	191715	74365	117350

Seafarer Engagement Details							
Active Seafarers	Employed in 2017	Foreign Flag	Officers	Ratings	Indian Flag	Officers	Ratings
300000	154349	132246	60194	72052	22103	10515	11588

Seafarer Engagement Details							
Year	Total Count	Indian Flag	Officers	Ratings	Foreign Flag	Officers	Ratings
2017	154349	22103	10515	11588	132246	60194	72052

Active Seafarers	Employed in 2017	Nautical	Officers	Rating	Saloon
300000	154349	97937	34417	29774	33746
		56412	36760	19652	0

Seafarer Engagement Details							
Year	Total Count	Indian Flag	Officers	Ratings	Foreign Flag	Officers	Ratings
300000	230183	97937	10515	11588	132246	60194	72052

Seafarer Engagement Details								
Year	Employed in 2017	Nautical	Officers	Rating	Saloon	Engineering	Officers	Rating
300000	131683	97937	34417	29774	33746	56412	36760	19652

Seafarer Engagement Details						
Year	Seafarer Employed	Officers (Nautical)	Rating Officers (Nautical)	Saloon Rating	Officers (Engineering)	Rating (Engineering)
2017	154349	34417	29774	33746	36760	19652
Upcoming years	300000	66895	57870	65590	71448	38197

No. of Seafarer in Database	Officers (Nautical)	Rating Officers (Nautical)	Saloon Rating	Officers (Engineering)	Rating (Engineering)
300000	66895	57870	65590	71448	38197

Year	INDIAN FLAG		FOREIGN FLAG		Total
2019	27952		206934		234886
	Officers	Ratings	Officers	Ratings	
	12916	15036	77043	129891	234886
2018	27364		181435		208799
	Officers	Ratings	Officers	Ratings	
	12958	14406	72327	109108	208799
2017	22103		132246		154349
	Officers	Ratings	Officers	Ratings	
	10515	11588	60194	72052	154349
2016	20211		123729		143940
	Officers	Ratings	Officers	Ratings	
	10163	10048	57910	65819	143940