

INDIAN NOTICES TO MARINERS

ANNUAL EDITION - 2019

(IN FORCE AS ON 01 JANUARY 2019)



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**INSIST ON INDIAN CHARTS AND
PUBLICATIONS**
Original, Authentic and Up-to-Date



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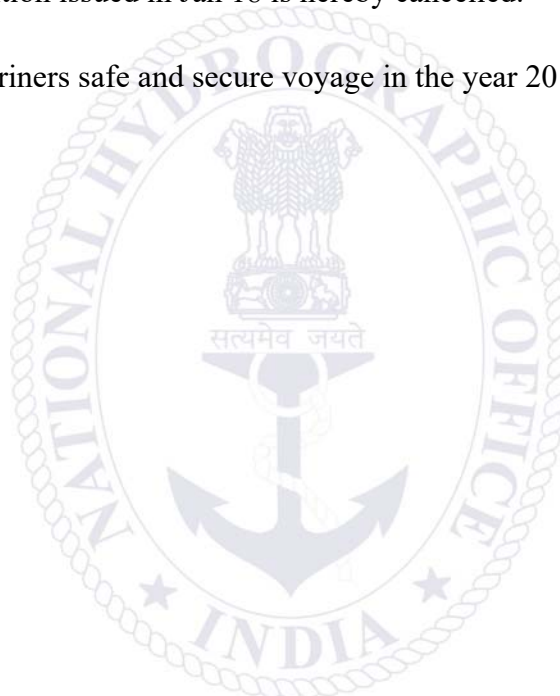
INDIAN NOTICES TO MARINERS
ANNUAL EDITION – 2019
RECORD OF CORRECTIONS

The inclusion of corrections in this volume should be recorded in the following table:-

<u>INM Edition</u>	<u>Updated By:</u>
02/2019	
03/2019	
04/2019	
05/2019	
06/2019	
07/2019	
08/2019	
09/2019	
10/2019	
11/2019	
12/2019	
13/2019	
14/2019	
15/2019	
16/2019	
17/2019	
18/2019	
19/2019	
20/2019	
21/2019	
22/2019	
23/2019	
24/2019	

PREFACE

1. The Annual edition to Indian Notices to Mariners is published yearly that provides a complete record of notices issued in the previous year and before for the Indian Chart Folios.
2. This edition is prepared in great detail and no effort has been spared to provide accurate information in this publication to the mariners.
3. I extend my sincere appreciation to all the port authorities, maritime organisations and mariners for their valuable contribution towards preparation of this publication.
4. Indian charts and publications are up-to-date and most reliable for Indian waters. We wish your continued support to this office in the future to enable maritime safety in the region. The previous edition issued in Jan 18 is hereby cancelled.
5. I wish all the mariners safe and secure voyage in the year 2019.



(Vinay Badhwar)
Vice Admiral
Chief Hydrographer
to the Govt. of India

Dehradun
India

01 Jan 19

ANNUAL EDITION

INDIAN NOTICES TO MARINERS

This publication contains Notice numbers 29 and 30 and temporary and preliminary notices in force as on 01 Jan 19. For notices number 01 to 28 kindly refer to Indian Notices to Mariners Special Edition – 2016.

The Notice 29 provides list of charts and permanent correction in force as on 01 Jan 19 for all the latest edition of charts in the Indian chart folios.

The Notice 30 lists unexploded charges that are not dangerous to surface navigation but reported for general information.



SECTION I

Notice No. 29/2019	LIST OF CHARTS AND PERMANENT CORRECTIONS (AS ON 01 JANUARY 2019)
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FOLIO: 1

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
227	Male and Fadiffolu Atolls	1980	1981 – 272. 1983 – 233. 1984 – 100 – 463 – 554 – 586. 1986 – 382. 1987 – 115 – 560. 1988 – 573. 1993 – 168. 1998 – 220 – 239. 2000 – 047. 2011 – 058. 2013 – 044. 2018 – 140. 2019 –
2061	Male Atoll	2002	2003 – 192 – 348. 2004 – 134. 2007 – 622. 2011 – 058– 087. 2013 – 044. 2014 – 082. 2015 – 044. 2018 – 062 – 140. 2019 –
2099	Male Atoll	2013	2016 – 107. 2019 –
2503 (INT 77391)	Approaches to CargadosCarazos Shoals (Saint Brandon)	2016	2019 –
2504 (INT 77392)	Mathurin Harbour	2017	2017 – 155 – 177. 2018 – 165. 2019 –
2505 (INT 77393)	Approaches to Mathurin Harbour	2017	2017 – 155– 167 – 177. 2018 – 165. 2019 –
2506 (INT 77394)	Grand Bay; Grande Riviere Noire Bay	2017	2017 – 152. 2019 –
2507 (INT 77395)	Grand Port	2017	2019 –
2509	Assumption Island (Seychelles) Assumption Island - A Assumption Island - B	2014	2019 –
2510	Pungoe Wharf Beira Port	2013	2019 –
2511	Approaches To Beira Port	2013	2019 –
2512 (INT 77396)	Agalega Island	2017	2019 –
2513	Coetivy Island	2013	2019 –
2514 (INT 7739)	Approaches To Port Louis ; Port Louis	2018	2019 –
2516	Dar Es Salaam Harbour	2014	2019 –
2517	Dar Es Salaam Anchorage	2014	2019 –
2520	Approaches to Dar Es Salaam	2015	2019 –
2524	Port of Zanzibar	2015	2019 –
2528	Approaches to Mkoani Harbour ; Mkoani Harbour	2016	2019 –
2550	Port Victoria	2017	2017 – 133. 2019 –
2551	Approaches to Port Victoria	2017	2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
2552	Western Approaches to Mahe Island	2017	2019 –
2554	Aldabra Island	2017	2019 –
2555	Approaches to Aldabra Island	2017	2019 –
2597	Kaashidhoo To North Male Atoll	2017	2019 –
2598	North Male Atoll and Approaches	2017	2019 –
2640	Mkokoni	2017	2019 –
2641	Kiwaiyu Bay	2017	2019 –
2642	Manda Bay	2017	2019 –
2643	Approaches to Manda Bay	2017	2019 –
2693	Tanga Port	2017	2019 –
5010	Indian Maritime Safety and Security Chart	2018	2019 –
7070 (INT 70)	Indian Ocean – Southern Part	2002	2003 – 092. 2005 – 279. 2006 – 301 – 324. 2007 – 449 – 507 – 508 – 509. 2008 – 320 – 562. 2009 – 094 – 247. 2010 – 091 – 100 – 101 – 125 – 264. 2012 – 113. 2013 – 082. 2014 – 132 – 172. 2019 –
7071 (INT 71)	Indian Ocean – Northern Part	2006	2006 – 239 – 309 – 324 – 332 – 503. 2007 – 241 – 244 – 507 – 508 – 509. 2008 – 320 – 562. 2009 – 052. 2010 – 101. 2012 – 113 – 114. 2013 – 033 – 082 – 146. 2014 – 081 – 132 – 137 – 172. 2019 –
7072 (INT 72)	Indian Ocean – Western Part	2000	2001 – 351. 2002 – 049 – 192 – 383. 2004 – 371 – 426. 2005 – 279 – 562. 2006 – 239 – 309 – 503. 2008 – 320 – 562. 2009 – 052 – 247 – 255. 2010 – 100 – 125 – 264. 2012 – 113 – 114 – 276. 2013 – 033 – 146. 2014 – 081 – 132 – 137 – 172. 2019 –
7073 (INT 73)	Indian Ocean – Eastern Part	2007	2007 – 241 – 244 – 449 – 507 – 508 – 509. 2008 – 320 – 562. 2009 – 052 – 094 – 196. 2010 – 091 – 101 – 125. 2012 – 276. 2013 – 033 – 082 – 146. 2019 –
7204 (INT 204)	Walvis Bay to Maputo	2002	2009 – 266 – 292. 2019 –
7508 (INT 508)	South China Sea	2003	2003 – 092 – 116 – 117. 2005 – 239 – 457 – 488 – 525 – 588. 2006 – 120 – 459 – 460. 2007 – 047 – 048 – 367 – 442 – 507 – 508 – 509 – 539 – 614. 2008 – 138 – 437 – 473 – 541 – 545 – 635. 2009 – 165 – 225 – 234 – 270. 2010 – 101 – 167 – 196 – 226 – 233 – 234 – 253. 2011 – 97 – 106 – 174 – 200 – 206 – 207 – 251 – 252 – 253. 2012 – 044 – 046 – 067 – 087 – 111 – 115. 2013 – 201. 2015 – 050. 2017 – 159. 2019 –
7700 (INT 700)	Port Elizabeth to Mauritius	1992	1994 – 114 – 132 – 242. 1995 – 288. 2000 – 227 – 273 – 275. 2009 – 094 – 292 – 393. 2010 – 100 – 249. 2012 – 112 – 113. 2013 – 063. 2014 – 172. 2017 – 063. 2019 –
7701 (INT 701)	Maputo to Muqdisho	2006	2009 – 292. 2010 – 249. 2012 – 113. 2013 – 080. 2014 – 132. 2015 – 064. 2017 – 063. 2019 –
7702 (INT 702)	Chagos Archipelago to Madagascar	2006	2008 – 320 – 562. 2009 – 393. 2012 – 223. 2013 – 080 – 187. 2014 – 132 – 172. 2019 –
7703 (INT 703)	Gulf of Aden to the Maldives and the Seychelles Group	2006	2009 – 052. 2011 – 135. 2012 – 223 – 276. 2013 – 033 – 162. 2014 – 081 – 132. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
7704 (INT 704)	Red Sea	1992	1993 – 101 – 202. 1995 – 327 – 328 – 392. 1997 – 358. 1998 – 148 – 149 – 285. 1999 – 289 – 389. 2000 – 097 – 276 – 367. 2001 – 056 – 202 – 229. 2002 – 049 – 050. 2003 – 258 – 385 – 386. 2004 – 426. 2005 – 034 – 035 – 307 – 405 – 571. 2006 – 239. 2007 – 074 – 177 – 360. 2008 – 532. 2009 – 043 – 045 – 379. 2010 – 059 – 263. 2012 – 114 – 165 – 195. 2019 –
7705 (INT 705)	Arabian Sea	1996	1997 – 047 – 135 – 138 – 159 – 177 – 311 – 312. 1998 – 201 – 216 – 374 – 377 – 378. 1999 – 090 – 154 – 185 – 221 – 347 – 364 – 386 – 387 – 391 – 413 – 437. 2000 – 032 – 101 – 215 – 367. 2001 – 135 – 173 – 350 – 351 – 374 – 396 – 411. 2002 – 037 – 089 – 222 – 359 – 383 – 414 – 452. 2003 – 036 – 037 – 184 – 435. 2004 – 103 – 124 – 345 – 371. 2005 – 035 – 562. 2006 – 047 – 048 – 193 – 251 – 309 – 330 – 357 – 392. 2007 – 099 – 120. 2008 – 071 – 091 – 114 – 117 – 421 – 510 – 533 – 599 – 606 – 627. 2009 – 052 – 187 – 192 – 255 – 260 – 261 – 273 – 282 – 286 – 308 – 394. 2010 – 094. 2012 – 040 – 238 – 276. 2013 – 033 – 049 – 146 – 162 – 175 – 199. 2014 – 081 – 137. 2016 – 149. 2018 – 058. 2019 –
7706 (INT 706)	Bay of Bengal	1996	1997 – 047 – 066 – 368 – 435. 1998 – 318 – 321 – 348 – 369 – 374 – 377 – 378 – 379 – 382 – 383 – 385. 1999 – 056 – 158 – 304 – 331 – 437 – 443 – 458. 2000 – 103 – 112 – 196. 2001 – 112 – 184. 2002 – 075 – 289 – 330 – 349 – 383 – 384 – 386. 2003 – 037 – 105 – 217 – 437 – 438 – 439. 2004 – 067 – 090 – 227 – 331. 2005 – 097 – 151 – 170 – 189 – 236 – 451 – 453 – 455. 2006 – 047 – 048 – 357 – 457. 2007 – 240 – 241 – 244 – 293. 2008 – 091 – 094 – 095 – 117 – 120 – 122 – 123 – 132 – 493 – 541. 2009 – 052 – 196 – 260 – 261 – 289 – 290 – 308. 2010 – 094. 2011 – 190. 2012 – 128 – 276. 2013 – 033 – 162. 2019 –
7707 (INT 707)	Maldives to Sumatera	1992	1992 – 339 – 440. 1993 – 030 – 338. 1997 – 066 – 098. 1998 – 321 – 348 – 369. 1999 – 158 – 304 – 331. 2000 – 112 – 355. 2001 – 304. 2002 – 075 – 289 – 349 – 354 – 383 – 384. 2003 – 217. 2005 – 097 – 151 – 170 – 189 – 207 – 236 – 239 – 297 – 450 – 451 – 453 – 455 – 457 – 560. 2006 – 047. 2007 – 036 – 241 – 244 – 293 – 463 – 507 – 508 – 641. 2008 – 120 – 138 – 433 – 493 – 541. 2009 – 052 – 196. 2010 – 101. 2011 – 198 – 278. 2012 – 210 – 223. 2014 – 207. 2018 – 140. 2019 –
7708 (INT 708)	Australia – West Coast	1992	1994 – 192. 1996 – 096. 2000 – 355. 2005 – 239 – 457 – 488 – 2007 – 442 – 507 – 508 – 509 – 614. 2008 – 138 – 437. 2009 – 165 – 225. 2010 – 101 – 167. 2011 – 278. 2012 – 044. 2013 – 082. 2019 –

FOLIO: 2

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
21	Muscat to Mumbai	2018	2018 – 129 – 140 – 160 – 166. 2019 – 031 – 033 – 035 –
201	Gora Chan Creek to Godia Creek	2010	2011 – 043 – 257. 2012 – 170 – 197. 2013 – 052 – 070 – 084. 2014 – 063– 137– 167– 187. 2015 – 114 – 136. 2016 – 102. 2018 – 140. 2019 –
202	Jakhau to Dwarka	2016	2016 – 146. 2017 –094– 128– 138. 2018 – 031. 2019 –
203 (INT 7319)	Gulf of Kachchh	2003	2003 – 266 – 272 – 274 – 291 – 306 – 362. 2004 – 374 – 492. 2005 – 074 – 118 – 203 – 395 – 616. 2006 – 101 – 413. 2007 – 447 – 518 – 589 – 590 – 591. 2008 – 060 – 088 – 143 – 144 – 145 – 146 – 147 – 173 – 204 – 222 – 223 – 288 – 289 – 339 – 356 – 381 – 557 – 585 – 619. 2009 – 089 – 090 – 169 – 257 – 283 – 343 – 344 – 386 – 387. 2010 – 104 – 150. 2011 – 067 – 125 – 126 – 149 – 188 – 215 – 228. 2012 – 032 – 054– 061 – 062 – 155 – 170 – 197 – 201 – 216 – 252. 2013 – 031– 112 – 145 – 160 – 190. 2014 – 032 – 038– 086– 087– 146– 152– 197. 2015 – 069 – 079 – 165 – 187. 2016 – 042 – 082 – 103 – 110 – 154 –195. 2017 – 116– 130– 144. 2018 – 037 – 108 – 119 – 136 – 166. 2019 – 031 –
204	Dwarka to Navibandar	2010	2010 – 131 – 132 – 134 – 135 – 172. 2011 – 187. 2014 – 197. 2015 – 033– 069 – 084 – 113 – 176. 2016 –131 – 177. 2017 –031 – 139. 2018 – 075. 2019 –
205	Navibandar to Veraval	2012	2012 – 132. 2014 – 167– 197. 2015 – 033 – 069 – 089. 2016 – 034. 2017 –139. 2018 – 075. 2019 –
206	Veraval to Diu Head	2012	2014 – 197. 2015 – 069 – 173. 2016 – 034 – 170. 2018 – 075 – 129 – 167 – 168. 2019 –
207	Diu Head to Gopnath Point	2012	2012 – 172 – 173 – 197. 2013 – 135. 2014 –095– 108– 117– 121– 197. 2015 – 058 – 123. 2016 –094 – 124. 2017 –053. 2018 – 075. 2019 –
208	Gulf of Khambhat (Cambay)	2006	2006 – 463. 2007 – 110 – 519. 2008 – 178. 2009 – 033 – 170 – 212 – 217 – 218 – 285 – 297 – 306 – 369. 2010 – 136 – 158 – 179. 2011 – 054 – 129 – 170 – 212 – 220 – 267. 2012 – 121 – 124 – 156 – 172 – 197 – 226 – 245 – 253. 2013 – 032– 121 – 161 – 182. 2014 – 059– 088– 089– 090– 091– 093– 094– 119– 120– 121– 138– 139– 153– 169– 177– 183– 197 – 201. 2015 – 057 – 112 – 130 – 145 – 166 – 177. 2016 – 041 – 083 – 104 – 123 – 160. 2017 – 060 – 072– 106– 145. 2018 – 045 – 128. 2019 –
251 (INT 7318)	Sir Creek to Dwarka	2012	2013 – 052 – 070 – 084 – 112. 2014 – 031 – 137– 197. 2015 – 061 – 069 – 080 – 114. 2016 –146. 2017 –042 – 138. 2018 – 031 – 140. 2019 –
252 (INT 7325)	Okha to Veraval	2013	2013 – 112. 2014 – 033 – 197. 2015 – 069 – 084 – 089 – 113 – 176. 2016 – 110 – 131. 2017 – 139. 2018 – 075. 2019 –
253 (INT 7328)	Veraval to Pipavav	2018	2018 – 129. 2019 –
271	Approaches to Gulf of Kachchh	2010	2010 – 292. 2011 – 043 – 045 – 068 – 257. 2012 – 132 – 170 – 197. 2013 – 052 – 084 – 097 – 112 – 144. 2014 – 137– 197. 2015 – 061 – 069 – 080 – 113 – 114 – 176. 2016 – 102 – 131 – 146. 2017 – 042 – 138. 2018 – 140. 2019 –
291	Gwadar to Dwarka	2004	2004 – 306 – 345. 2005 – 562. 2006 – 048 – 215 – 357 – 402 – 471. 2008 – 176 – 177 – 377 – 378 – 381 – 599. 2009 – 138 – 187 – 192 – 204 – 236 – 256 – 274 – 276 – 277 – 344. 2010 – 131 – 132 – 134 – 292. 2011 – 043 – 045 – 068 – 257. 2012 – 132 – 163 – 209. 2013 – 049 – 052 – 084 – 144 – 175. 2014 – 031 – 137– 144– 197. 2015 – 069 – 080 – 094 – 114. 2016 –131. 2017 –033 – 042 – 138. 2018 – 058 – 075 – 140. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
292 (INT 7021)	Dwarka to Mumbai	2018	2018 – 121 – 129 – 142 – 159 – 160. 2019 – 033 –
2005	Approaches to Godia Creek	2017	2018 –031. 2019 –
2013 (INT 7324)	Port of Okha	2012	2013 – 120– 202. 2015 – 035. 2019 –
2017 (INT 7327)	Navlakhi and Approaches	2016	2017 – 087. 2019 –
2018 (INT 7321)	Approaches to Kandla	2016	2018 – 166 – 178. 2019 –
2027	Rozi Anchorage	2012	2016 – 194 – 195. 2017 –107. 2019 –
2031 (INT 7326)	Okha Harbour	2013	2014 – 126. 2015 – 035. 2017 – 082. 2019 –
2033 (INT 7341)	Sikka Creek; Sikka Channel	2018	2019 –
2034 (INT 7349)	Hazira Port	2016	2016 – 208. 2017 – 150. 2019 –
2039	Gulf of Khambhat (Cambay) – Northern Portion	2017	2017 –145. 2018 – 045. 2019 –
2040	Porbandar Port Porbandar Anchorage	2014	2015 – 069. 2017 – 139. 2019 –
2044	Gulf of Khambhat (Cambay) – Southern Portion	2003	2003 – 362. 2004 – 087. 2005 – 144 – 186 – 512 – 513 – 514 – 538. 2006 – 104. 2007 – 380 – 519. 2008 – 178. 2009 – 033 – 170 – 217 – 218 – 297 – 306. 2010 – 136. 2011 – 054 – 129 – 170 – 201 – 220 – 267. 2012 – 121 – 153 – 172 – 197 – 245 – 253. 2013 – 161. 2014 – 093– 094– 120– 121– 138– 139– 177– 197 – 201. 2015 – 111 – 145. 2017 – 106 – 143. 2018 – 128 –
2051 (INT 7333)	Salaya Harbour	2017	2017 –116 – 128. 2018 – 037. 2019 –
2054	Madhwad Bay	2015	2018 – 167 – 168. 2019 –
2055	MulDwarka Port MulDwarka North Jetty	2015	2015 – 161 – 172 – 175. 2016 –049 – 170. 2018 – 120. 2019 –
2056	Jafarabad Port	2013	2014 – 197. 2018 –
2057	Plans on the Gujarat Coast -Simar Anchorage Mahuva Bandar	2015	2019 –
2058	Kannur and Tellicherry Anchorage	2016	2019 –
2059 (INT 7322)	Kandla – Sogal Channel; Kandla Creek	2016	2018 – 178. 2019 –
2060	Approaches to Salaya and Pathfinder Inlet; Plan of Pathfinder Inlet	2010	2010 – 178 – 277. 2011 – 188. 2012 – 063 – 170 – 197 – 216. 2013 – 160 – 190. 2015 – 077. 2016 – 092 – 103. 2017 – 116. 2018 – 037 – 119. 2019 –
2068	Gulf of Kachchh Deep Water Route	2002	2002 – 186 – 223 – 296. 2003 – 102 – 126 – 127 – 143 – 144 – 164 – 168 – 189 – 200 – 274 – 291 – 306. 2004 – 326 – 329 – 492 – 493. 2005 – 118 – 203 – 616. 2006 – 332 – 389. 2007 – 447 – 591. 2008 – 060 – 088 – 112 – 144 – 147 – 222 – 288 – 289 – 339 – 356 – 585 – 619. 2009 – 032 – 089 – 090 – 136 – 169 – 206 – 256 – 343 – 344. 2010 – 150 – 278. 2011 – 67 – 125 – 126 – 188 – 215. 2012 – 032 – 061 – 170 – 197 – 201 – 216. 2013 – 112 – 145 – 153 – 160 – 190. 2014 – 087– 152. 2015 – 035 – 077. 2016 – 093 – 103. 2017 – 116 – 130 – 144. 2018 – 037 – 119 – 136 – 146. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
2079 (INT 7329)	Approaches to Mundra Port	2018	2019 –
2080	Gulf of Kachchh – Eastern Portion	2011	2011 – 240. 2012 – 032 – 054 – 062 – 074 – 100 – 155 – 170 – 197 – 252. 2013 – 031. 2014 – 038– 086– 105– 146. 2016 – 042 – 061-195. 2018 – 108 – 166 – 178. 2019 – 031 –
2081 (INT 7342)	Approaches to Ports from Diu to Pipavav; Diu and Nawabandar anchorages	2017	2018 – 075 – 137 – 167 – 168. 2019 –
2082	Approaches to Dahej	2016	2017 –060 – 129. 2018 – 045. 2019 –
2083 (INT 7339)	Approaches to Sikka; Reliance tanker berths	2018	2019 –
2100 (INT 7344)	Approaches to Port Pipavav ; Port Pipavav	2014	2014 – 197. 2015 – 196. 2016 – 124. 2017 –053 – 123. 2018 – 109 – 137. 2019 –
2102	Bhavnagar Port	2015	2015 – 130 – 177. 2016 – 104. 2017 – 072 – 129. 2018 – 045. 2019 –
2106	Mundra Port	2013	2013 – 189. 2014 – 058. 2017 – 046 – 130 – 144. 2018 – 079 – 119. 2019 –
2107	Mundra Port – West Basin	2013	2013 – 189. 2014 – 057. 2017 – 144. 2018 – 107 – 172. 2019 –
2110	Dahej Harbour	2016	2019 –
2114	Approaches To Kharo Creek &Mitha Port	2014	2015 – 136. 2017 – 094. 2019 –
2115	Navibandar Anchorage	2014	2014 – 197. 2019 –
2116	Kori Creek	2015	2019 –
2117	Koteshwar Jetty	2014	2015 – 136. 2016 – 102 – 130. 2019 –
2121	Veraval Anchorage	2015	2019 –
2124	Salaya Channel	2016	2017 –048 – 108. 2019 –
2125	Bhogat Anchorage	2016	2019 –

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Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
22 (INT 752)	Mumbai to Cape Comorin	2018	2018 – 125 – 133 – 156 – 160 – 170 – 183. 2019 –
209	Hazira to Umargam	2007	2008 – 178 – 179 – 224. 2009 – 033 – 297. 2011 – 054 – 084 – 129 – 170 – 220 – 259. 2012 – 124 – 172 – 197 – 202 – 253. 2013 – 161– 210. 2014 – 128– 136– 201. 2015 – 111 – 153 – 154. 2018 – 121 – 128 – 142 – 159. 2019 – 035 –
210	Umargam to Satpati	2018	2018 – 121. 2019 – 034 – 035 –
211	Satpati to DighiHarbour	2018	2018 – 169 – 175. 2019 –
212	Murud – Janjira Hr. to Ratnagiri	2018	2018 – 086 – 099 – 104. 2019 –
213	Ratnagiri to Vengurla	2012	2012 – 125. 2013 – 154. 2014 – 102 – 159– 201. 2015 – 131 – 132. 2016 – 115 – 199. 2018 – 038. 2019 –
214	Vengurla to Betul	2012	2012 – 261. 2014 – 103– 159– 201. 2015 – 060 – 131 – 132. 2016 – 115. 2019 –
215	Betul to Belekeri	2012	2012 – 262. 2013 – 114 – 204. 2014 – 184– 196. 2015 – 031– 060 – 110. 2017 –148 – 170. 2018 – 100 – 171 – 182. 2019 –
254 (INT 7331)	Approaches to Gulf of Khambhat	2018	2018 – 121 – 159. 2019 – 032 –
255 (INT 7334)	Approaches to Mumbai	2018	2018 – 160. 2019 –
256 (INT 7340)	Murud Janjira Hr. to Malvan	2018	2018 – 099. 2019 –
293 (INT 7022)	Mumbai to New Mangalore	2018	2018 – 094 – 147 – 160. 2019 –
2001	Mumbai Docks	2015	2015 – 036 – 046. 2017 – 088. 2018 – 080 – 155. 2019 –
2008	Approaches to Karwar	2016	2016 – 176. 2017 – 054. 2018 – 100 – 182. 2019 –
2009	Betul Anchorage; Belekeri Anchorage	2017	2018 – 100. 2019 –
2010	Karwar Naval Harbour	2016	2016 – 176. 2017 – 054. 2018 – 100. 2019 –
2011	Approaches to Jaigarh &Angre Ports	2015	2016 – 175. 2018 – 086. 2019 –
2015 (INT 7337)	Port of Mumbai	2015	2016 – 069 – 085. 2017 –088 – 100. 2018 – 080 – 093 – 155 – 160. 2019 –
2016 (INT 7336)	Inner Approaches to Mumbai	2018	2018 – 093 – 160. 2019 –
2020	Mormugao and Panaji	2015	2019 –
2022 (INT 7345)	Approaches to Mormugao	2011	2011 – 214 – 269. 2012 – 261. 2014 – 103– 201. 2019 –
2026	Daman Anchorage	2018	2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
2028	Approaches to Ratnagiri; Mirya and Ratanagiri Bays	2008	2008 – 482 – 586. 2009 – 320 – 360. 2011 – 113. 2013 – 154. 2014 – 201. 2015 – 178. 2016 – 199. 2019 –
2030	Srivardhan and Bankot Anchorages	2012	2019 –
2036 (INT 7352)	DighiHarbour (Murud Janjira) and Approaches	2016	2019 –
2038	Rajapur Bay and VijaydurgHarbour	2013	2014 – 201. 2019 –
2041	DevgarhHarbour; Malvan Anchorage	2015	2016 – 045. 2017 – 095. 2018 – 038. 2019 –
2042	Approaches to Malvan	2017	2018 – 038. 2019 –
2043	Approaches to Vengurla and Redi	2018	2019 –
2046	Vengurla Anchorage; Redi Anchorage	2017	2018 – 038 – 046. 2019 –
2065	Port Dabhol	2017	2017 – 089. 2019 –
2074	Pawas Bay – Ranpar Port, Approaches to Pawas Bay	2016	2018 – 179. 2019 –
2076 (INT 7338)	JawaharLal Nehru Port and Trombay	2017	2017 – 100. 2018 – 093 – 138 – 149. 2019 –
2077	Revadanda Port; Harnai Anchorage	2017	2018 – 099. 2019 –
2078 (INT 7346)	Port of Mormugao	2015	2015 – 168 – 198. 2019 –
2101 (INT 7347)	Approaches to Hazira	2016	2017 – 075 – 150. 2018 – 110 – 128 – 154. 2019 –
2103	Dighi Port	2013	2014 – 170– 201. 2016 – 050. 2019 –
2105	Jaigarh and Angre Ports	2015	2018 – 086. 2019 –
2108	Essar Bulk Terminal	2016	2017 – 075 – 150. 2019 –
2109	Tapi River	2013	2016– 67 – 68. 2017 – 075. 2019 –
2120	Karwar Port	2015	2018 – 100. 2019 –
2123	Ulwa Channel	2016	2019 –
2353	Approaches to Karwar and Belekeri	2017	2018 – 100 – 182. 2019 –

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Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
216	Belekeri to Kundapura (Coondapoor)	2018	2018 – 182. 2019 –
217	Kundapura (Coondapoor)to Kasaragod	2018	2018 – 147 – 148 – 173. 2019 –
218	Kasaragod to Tellicherry	2018	2019 –
219	Tellicherry to TanurNagaram	2005	2005 – 400 – 489. 2008 – 294 – 295. 2010 – 094 – 259. 2011 – 048 – 158 – 209 – 242. 2012 – 097 – 254. 2015 – 031– 081. 2017 – 127. 2019 –
220	Tanur Nagaram to Manakkodam	2018	2018 – 170 – 183. 2019 –
221	Alappuzha (Alleppey) to Kollam (Quilon)	2018	2019 –
222	Quilon to Kolachel	2017	2019 –
223	Kolachel to Manappad	2001	2002 – 454. 2003 – 182 – 191. 2005 – 233. 2006 – 156. 2008 – 063 – 094 – 120 – 227. 2010 – 081 – 082 – 083 – 262. 2012 – 129. 2015 – 034. 2018 – 034 – 081 – 126. 2019 –
257 (INT 7343)	Malvan to Coondapoor	2002	2003 – 130 – 231. 2004 – 311. 2005 – 145 – 340 – 589. 2006 – 047 – 050 – 105 – 106 – 450. 2007 – 597. 2008 – 118 – 181 – 182 – 341. 2009 – 141 – 142 – 213 – 286 – 287 – 299 – 308 – 388. 2010 – 031 – 052 – 108. 2012 – 261 – 262. 2013 – 033 – 114– 155 – 177 – 204. 2014 – 103– 159– 184– 196 – 201. 2015 – 031– 060 – 132. 2016 – 115 – 184. 2019 –
258 (INT 7348)	Kundapura to Badagara	2015	2015 – 031 – 081 – 090. 2016 – 116 – 117 – 118 – 132 – 135 – 136 – 162 – 184. 2017 – 113. 2018 – 033 – 094 – 147 – 148 – 173. 2019 –
259 (INT 7356)	Badagara to Kochi	2015	2015 – 091 – 170. 2016 – 062 – 163 – 164 – 190. 2017 – 101 – 102 – 109 – 117. 2018 – 125 – 156 – 170 – 183. 2019 –
260 (INT 7362)	Kochi (Cochin) to Cape Comorin	2001	2002 – 454. 2003 – 182 – 191. 2004 – 069 – 088 – 362. 2006 – 047 – 156 – 553. 2007 – 062 – 175 – 402 – 472 – 624. 2008 – 094 – 120 – 227. 2009 – 265 – 311. 2010 – 111 – 141. 2011 – 046 – 089. 2012 – 099 – 106 – 128 – 129. 2013 – 055. 2014 – 160. 2015 – 034 – 063 – 170. 2016 – 062 – 163. 2018 – 081 – 125 – 126 – 156 – 183. 2019 –
261	Eight Degree Channel to Cape Comorin	2011	2012 – 129. 2015 – 034. 2018 – 126. 2019 –
268 (INT 7353)	Central Lakshadweep	2016	2016 – 196 – 204. 2018 – 143. 2019 –
272	Cora Divh to Elikalpeni Bank	1983	1984 – 099 – 265 – 289 – 290 – 291 – 461 – 534 – 535. 1985 – 509. 1990 – 182 – 207 – 208. 1993 – 313. 1994 – 218 – 351. 1995 – 067 – 380. 1996 – 232 – 278. 1998 – 277 – 358 – 378. 1999 – 374. 2002 – 213 – 439. 2005 – 147 – 489. 2006 – 047 – 049 – 070 – 552. 2007 – 597. 2008 – 286 – 294 – 341 – 529. 2009 – 261 – 262 – 299 – 308 – 310. 2010 – 043 – 173 – 204 – 258. 2011 – 048. 2012 – 096 – 127 – 246 – 273. 2013 – 033– 046 – 093 – 094 – 099 – 116 – 125 – 147 – 156 – 162 – 164. 2014 – 035. 2015 – 031– 081 – 090. 2016 – 116 – 117 – 118 – 132 – 136 – 162 – 204. 2017 – 113. 2018 – 033 – 094 – 147 – 148 – 173. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
273	Kadmat Island to Ihavandiffulu Atoll	1983	1984 – 290 – 291 – 346 – 418. 1985 – 258 – 483. 1986 – 184. 1987 – 335. 1988 – 568 – 572. 1989 – 222 – 328. 1992 – 97 – 257 – 297. 1994 – 219. 1995 – 427 – 442. 1997 – 435. 1998 – 308 – 369 – 484. 1999 – 374. 2002 – 095 – 168 – 230 – 383 – 385 – 418. 2003 – 079 – 147 – 232. 2004 – 154. 2005 – 325. 2008 – 099 – 119 – 321 – 529. 2009 – 052 – 158. 2012 – 275. 2013 – 094 – 137 – 185. 2014 – 040. 2016 – 095 – 196 – 204. 2019 –
2002 (INT 7351)	Ports of New Mangalore and Mangalore	2018	2019 –
2003	Badagara Anchorage; Kasaragod Anchorage	2017	2018 – 047 – 148. 2019 –
2004 (INT 7359)	Kochi Harbour	2015	2016 – 062. 2017 – 073 – 131 – 146 – 162. 2018 – 070 – 125. 2019 –
2006	Minicoy Island	2015	2016 – 204. 2018 – 152. 2019 –
2007	Androth Island	2015	2016 – 204. 2019 –
2012	Alleppey Anchorage; Vilinjham Anchorage	2016	2018 – 156. 2019 –
2014	Malpe Port	2014	2018 – 122. 2019 –
2023	Kavaratti Island; Kiltan Island	2014	2016 – 204. 2018 – 143. 2019 –
2024	Tadri Anchorage; Honavar Anchorage	2015	2019 –
2029 (INT 7358)	Approaches to Kochi	2016	2016 – 163. 2017 – 073 – 101 – 102 – 109 – 131 – 146. 2018 – 070 – 125. 2019 –
2032	Nindakara and Kollam Anchorage	2014	2014 – 080. 2015 – 034. 2019 –
2035	Kalpeni and Cheriya Islands	2015	2019 –
2045 (INT 7360)	Port of Kochi	2017	2017 – 103 – 131 – 146. 2018 – 070. 2019 –
2047	Plans in Lakshadweep; Kadmat Island; Amini Island; Chetlat Island; Kalpitti I. to Parali Is.	2015	2016 – 196 – 204. 2019 –
2048	Kolachel Anchorage	2014	2019 –
2053	Sacrifice Rock to Beypore	2011	2012 – 052. 2015 – 031 – 081. 2017 – 127. 2019 –
2104	Kollam Port	2012	2013 – 060. 2014 – 079. 2015 – 034. 2017 – 056. 2019 –
2111	Vizhinjam Harbour	2013	2015 – 034. 2019 –
2118	Azhikkal Port; Azhikkal Anchorage	2016	2019 –
2119	Beypore Port; Beypore Anchorage	2016	2019 –
2354	Approaches to Tadri	2017	2018 – 100. 2019 –
2355	Approaches to Honavar	2017	2019 –
2356	Approaches to shirali and Bhatkal	2017	2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
2357	Approaches to kundapura	2017	2018 – 122. 2019 –
2358	Approaches to Hungarkatta and Malpe	2017	2018 – 122. 2019 –
2359 (INT 7350)	Approaches to Port of New Mangalore	2017	2017 – 156. 2018 – 033 – 094 – 123 – 124 – 147 – 173. 2019 –

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Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
31 (INT 756)	Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River)	2017	2017 – 118 – 126 – 147 – 163 – 172. 2018 – 042 – 132 – 133 – 151. 2019 –
32 (INT 754)	Kochi(Cochin) to Vishakhapatnam	2002	2003 – 079 – 105 – 125 – 217 – 238 – 404. 2004 – 187 – 212 – 226 – 331 – 376. 2006 – 047 – 51 – 156 – 391. 2007 – 322 – 324 – 325 – 335 – 493 – 553 – 556. 2008 – 035 – 063 – 094 – 095 – 121 – 122 – 123 – 132 – 183 – 254 – 444. 2009 – 052 – 144 – 146 – 147 – 159 – 304 – 312. 2010 – 094 – 111 – 221 – 222 – 248. 2011 – 117. 2012 – 128 – 280. 2013 – 088. 2014 – 109 – 155. 2015 – 031 – 034 – 038 – 048 – 063 – 199. 2016 – 163 – 164. 2017 – 034 – 076 – 171. 2018 – 039 – 051 – 096 – 125 – 140 – 156 – 157 – 183 – 184. 2019 –
33	Bay of Bengal – Southern Portion	2016	2017 – 034 – 074 – 076. 2018 – 051 – 133. 2019 –
224	Manappad to Setukkarai	2010	2010 – 261 – 269. 2014 – 113. 2015 – 034. 2017 – 171. 2018 – 039. 2019 –
225	Colombo to Galle	1980	1982 – 555. 1983 – 254 – 431. 1984 – 218 – 405. 1985 – 466. 1986 – 569. 1988 – 043 – 072 – 188 – 210 – 426 – 619. 1989 – 369. 1990 – 157 – 383 – 384 – 400. 1991 – 298. 1994 – 362 – 400 – 410. 1996 – 132 – 296 – 362. 1997 – 040 – 464 – 471. 1998 – 035 – 392. 2000 – 222 – 302 – 342. 2002 – 296 – 349 – 404 – 419. 2003 – 054. 2004 – 212. 2005 – 407. 2006 – 314. 2007 – 335 – 365 – 553. 2008 – 131 – 212. 2009 – 095 – 224 – 232 – 294. 2011 – 151. 2012 – 228. 2017 – 076. 2018 – 133. 2019 –
226	Galle to Little Basses	1981	1981 – 197 – 530 – 650. 1982 – 035 – 440. 1988 – 189. 1989 – 306. 2003 – 404. 2004 – 155. 2009 – 380. 2012 – 110 – 2013 – 088. 2017 – 076. 2018 – 051 – 133. 2019 –
262 (INT 7365)	Cape Comorin to Pamban	2014	2015 – 034. 2017 – 171. 2018 – 039 – 095 – 126 – 161. 2019 –
263 (INT 7383)	Cape Comorin to Colombo	2004	2005 – 136. 2006 – 047 – 156. 2007 – 335 – 553. 2008 – 120 – 131 – 212. 2009 – 095 – 224 – 232 – 294. 2010 – 273. 2011 – 151. 2012 – 129 – 228. 2015 – 034. 2017 – 076. 2018 – 126. 2019 –
264	Southern Coast of Sri Lanka	2006	2007 – 335 – 553. 2008 – 131 – 212. 2009 – 095 – 224 – 232 – 294. 2011 – 151. 2012 – 110 – 228. 2013 – 088. 2014 – 205. 2017 – 076. 2018 – 051. 2019 –
301	Approaches to Hugli River	2017	2019 –
308	Outer Approaches to Vishakhapatnam	2018	2019 –
313	Mamallapuram to point Pudi	2010	2012 – 075 – 098 – 181 – 217 – 265. 2014 – 142 – 150. 2015 – 033 – 038. 2016 – 138. 2017 – 037 – 132. 2018 – 082. 2019 –
315	Palk Strait	2006	2006 – 359 – 414. 2007 – 322 – 323. 2008 – 121. 2010 – 221 – 248. 2011 – 107. 2014 – 114. 2015 – 034 – 038. 2018 – 096 – 133. 2019 –
316	Palk Bay – Eastern Portion	2006	2006 – 414. 2007 – 322 – 323. 2008 – 121. 2010 – 248. 2011 – 107. 2015 – 038. 2018 – 096 – 133. 2019 –
317	Palk Bay – Western Portion	2006	2007 – 322 – 324 – 325 – 493. 2009 – 221. 2010 – 084 – 085 – 221. 2012 – 053. 2014 – 114. 2015 – 034. 2018 – 101 – 161 – 184. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
351 (INT 7419)	Paradip to Pussur River	2011	2011 – 224 – 248. 2012 – 071 – 072 – 218. 2013 – 163– 194– 205. 2015 – 048 – 070 – 133. 2016 – 105 – 139. 2017 –097. 2018 – 127 – 133. 2019 –
352 (INT 7416)	Gopalpur to Paradip	2009	2009 – 313 – 323 – 376. 2010 – 290. 2011 – 033 – 036 – 272 – 280. 2012 – 072 – 176 – 177 – 197 – 230 – 236. 2014 – 060– 148– 154. 2015 – 040 – 048 – 070 – 077. 2016 –043 – 105. 2017 –097. 2018 – 097 – 111 – 127. 2019 –
353 (INT 7413)	Kalingapatnam to Gopalpur	2009	2013 – 103. 2014 – 060– 154. 2015 – 065. 2018 – 111. 2019 –
354 (INT 7408)	Sacramento Shoal to Kalingapatnam	2009	2009 – 161 –168 – 179 – 243 – 375. 2010 – 142 – 205. 2011 – 091 – 102 – 233. 2012 – 084. 2014 – 162. 2015 – 048. 2016 – 171 – 202 – 205. 2018 – 048 – 171. 2019 –
355 (INT 7405)	Ramaypatnam to Sacramento Shoal	2010	2011 – 102 – 233. 2014 – 052– 206. 2015 – 038 – 048 – 116 – 122 – 189. 2019 –
356 (INT 7400)	Chennai to Ramayapatnam	2011	2011 – 271. 2012 – 098 – 217 – 265 – 280. 2013 – 078– 149. 2015 – 038 – 199. 2016 –070 – 138. 2017 –037. 2018 – 082. 2019 –
357 (INT 7397)	Point Calimere to Chennai	2011	2012 – 098 – 217 – 255 – 277. 2013 – 078 – 102 – 126. 2014 – 043– 109– 155– 167. 2015 – 032– 038. 2017 – 037. 2018 – 096 – 130 – 157 – 175. 2019 –
358 (INT 7394)	Approaches to Palk Bay	2009	2009 – 178 – 221. 2010 – 221 – 248. 2012 – 053. 2014 – 114. 2015 – 034 – 038. 2017 – 034. 2018 – 096 – 101 – 184. 2019 –
391	Chennai to Kalingapatnam	2012	2012 – 279 – 280. 2013 – 078. 2014 – 052. 2015 – 038 – 048 – 189 – 199. 2016 – 185 – 202 – 205. 2018 – 048. 2019 –
2037	Valinokkam Anchorage; Veppalodai Anchorage	2015	2019 –
2075 (INT 7366)	Approaches to Tuticorin; Tuticorin Harbour	2016	2018 – 039. 2019 –
3001 (INT 7402)	Approaches to Chennai	2018	2019 –
3002 (INT 7410)	Approaches to Visakhapatnam	2015	2016 – 063 – 086 – 171 – 205. 2017 –137. 2018 – 048. 2019 –
3003	Cuddalore Anchorage	2012	2013 –083 – 179– 193. 2014 – 155. 2015 – 038. 2018 – 157. 2019 –
3004 (INT 7403)	Chennai Harbour	2016	2017 – 037 – 056 – 132. 2018 – 150. 2019 –
3005	Gopalpur Port; Machilipatnam Anchorage	2015	2018 – 065 – 088 – 102 – 111 – 180. 2019 –
3006 (INT 7423)	Hugli River. Kukrahatti Reach to Kolkata (Calcutta)Docks	2017	2018 – 113. 2019 –
3007	Nagappattinam Anchorage	2012	2015 –038. 2019 –
3008	Vadarevu Anchorage; Nizampatnam Anchorage	2014	2015 – 038. 2019 –
3009 (INT 7407)	Kakinada Port; Kakinada Anchorage	2017	2019 –
3010 (INT 7418)	Paradip Anchorage; Paradip Port.	2016	2016 – 151 – 174. 2017 –049 – 128. 2018 – 097. 2019 –
3011 (INT 7421)	Hugli River – Gasper Channel to Haldia	2017	2018 – 103. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
3012 (INT 7411)	Vishakhapatnam Harbour	2015	2016 – 086 – 171. 2017 – 061 – 128. 2018 – 048. 2019 –
3013 (INT 7422)	Hugli River Haldia to Kukrahati Reach	2017	2018 – 103 – 112. 2019 –
3016	Approaches to Mandapam	2005	2010 – 085. 2015 – 034 – 115. 2016 – 137. 2018 – 101 – 161. 2019 –
3017	Approaches to Dhamra River; Dhamra Fishing Harbour	2018	2018 – 174. 2019 –
3024	Kalingapatnam Anchorage; Bavanapadu Anchorage	2013	2015 – 048. 2019 –
3025	Porto Novo Anchorage	2012	2015 – 038 – 083. 2019 –
3026	Approaches to Vadarevu and Nizampatnam Bay	2018	2019 –
3028 (INT 7404)	Kamarajar Port (Ennore)	2017	2018 – 044. 2019 –
3029	Approaches to Tirukkadaiyur Port; Tirukkadaiyur Port	2014	2019 –
3030	Bhimunipatnam Anchorage; Approaches to Bhimunipatnam	2018	2019 –
3031	Baleshwar Roads	2013	2019 –
3033	Karaikal Anchorage; Karaikal Port	2013	2014 – 043 – 061. 2015 – 032. 2016 – 159. 2018 – 130 – 144. 2019 –
3034	Approaches to Krishnapatnam; Krishnapatnam Port	2013	2015 – 038. 2016 – 070. 2019 –
3035	Gangavaram Port	2012	2014 – 075 – 161 – 175. 2016 – 063 – 205. 2019 –
3036	Chemplast Sanmar Cuddalore Terminal	2012	2019 –
3037	Dhamra Port	2017	2018 – 087. 2019 –
3038	Approaches to Dharma Port	2017	2018 – 087 – 174. 2019 –
3039	Kattupalli Port	2017	2019 –
3041	Approaches to Paradip	2015	2015 – 146 – 181. 2016 – 043 – 105 – 155 – 174. 2017 – 097. 2018 – 097 – 127. 2019 –
3042	Approaches to Kakinada	2018	2019 –
3044	Puducherry Anchorage; Puducherry Harbour	2018	2019 –
3501	Kankesanturai Harbour	2018	2019 –

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Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
41 (INT 757)	Andaman Sea	2010	2011 – 051 – 060 – 095 – 140 – 141 – 185 – 250. 2012 – 142. 2013 – 068 – 169 – 213. 2014 – 124 – 163 – 186. 2015 – 147 – 162. 2016 – 072 – 073 – 186 – 187. 2017 – 115 – 126 – 175. 2018 – 042 – 132 – 140. 2019 –
401 (INT 7435)	Preparis Island to Landfall Island; Mingalakyun (Table Island) & Marshall Chennal	2017	2019 –
402 (INT 7436)	Landfall Island to Stewart Sound	2016	2018 – 104 – 158 – 171. 2019 –
403 (INT 7437)	Stewart Sound to Elphinstone Hr.	2011	2014 – 045 – 130. 2015 – 074. 2018 – 104 – 158 – 171. 2019 –
404 (INT 7439)	Elphinstone Harbour to Port Blair	2016	2018 – 062. 2019 –
405 (INT 7440)	Port Blair to Little Andaman Is.	2016	2017 – 041. 2018 – 062. 2019 –
406 (INT 7443)	Little Andaman Is. to Ten Degree Channel	2016	2016 – 157. 2017 – 151. 2019 –
407	Ten Degree Channel to Chowra Island	2015	2016 – 106. 2019 –
408 (INT 7446)	Chowra Island to Nancowry Hr	2015	2016 – 156. 2018 – 073. 2019 –
409 (INT 7448)	Nancowry Harbour to Great Nicobar Island	2016	2018 – 131. 2019 –
471	Katchall Island to Sumatera	2003	2005 – 208 – 560. 2007 – 252 – 327 – 636 – 657. 2008 – 364. 2009 – 233 – 269. 2010 – 122 – 123 – 166. 2011 – 166 – 185 – 250. 2012 – 142. 2013 – 062. 2015 – 071 – 148. 2016 – 072. 2018 – 131. 2019 –
472 (INT 7032)	Nicobar Islands.	2002	2003 – 294 – 302 – 438. 2005 – 236 – 339. 2007 – 240 – 241 – 252 – 327 – 407 – 531 – 657. 2008 – 039 – 124 – 363 – 364 – 445. 2011 – 051. 2012 – 147 – 281. 2013 – 062 – 072. 2014 – 077. 2015 – 071 – 074 – 147. 2016 – 072. 2018 – 131. 2019 –
473 (INT 7031)	Andaman Islands.	2003	2003 – 346 – 438. 2005 – 360. 2007 – 384 – 385 – 407. 2008 – 038 – 124 – 363 – 561. 2009 – 115 – 377. 2010 – 279. 2011 – 060 – 079. 2012 – 147. 2013 – 062 – 197. 2014 – 045 – 130. 2015 – 074 – 174. 2019 –
4001	Elphinstone Harbour. and Rangat Bay	2016	2019 –
4003	Port Cornwallis; Temple Sound	2003	2005 – 188 – 394 – 460 – 492 – 509. 2009 – 315. 2010 – 119 – 229. 2011 – 061 – 121. 2012 – 282. 2013 – 138. 2015 – 044. 2016 – 071. 2019 –
4005	Nancowry Harbour and Approaches	2016	2019 –
4006 (INT 7449)	Port Blair	2015	2015 – 138 – 144. 2018 – 139. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
4009	Jackson Creek	2015	2019 –
4010	Dugong Creek; Hut Bay	2016	2017 –151. 2019 –
4011	East Bay	2017	2019 –
4012	Port Blair – Inner Harbour	2014	2015 – 138 – 144. 2018 – 139. 2019 –
4013	Approaches to Lacam Harbour	2016	2017 –086– 091. 2019 –
4014	Rangat Bay to Diligent Strait	2016	2019 –
4015	Diligent Strait to Kotara Anchorage	2003	2008 – 228. 2011 – 61. 2012 – 147 – 282. 2014 – 136. 2015 – 074. 2017– 032 – 154. 2019 –
4016	Approaches to Port Blair	2010	2012 – 147. 2014 – 044 – 053. 2017 – 032 – 154. 2019 –
4017	Expedition and Grand Harbours	2016	2019 –
4030	Manners Strait and Duncan Passage	2001	2002 – 213. 2007 – 385. 2008 – 038 – 363. 2009 – 115 – 377. 2015 – 074 – 174. 2019 –
4031	Landfall Is. Anchorage and Approaches	2003	2009 – 324. 2012 – 282. 2019 –
4034	St Georges Channel	2003	2012 – 282. 2015 – 074 – 077. 2019 –
4036	Approaches to Pulo Millow; Pulo Millow Anchorage	2002	2003 – 238. 2007 – 657. 2008 – 364. 2012 – 282. 2018 – 131. 2019 –
4039	Campbell Bay	2012	2015 – 071. 2019 –
4040	Mayabandar Harbour	2018	2019 –
4042	Chowra Island	2012	2015 – 074. 2019 –
4043	Ariel Bay	2015	2016 – 071. 2019 –
4044	South Middle Strait	2014	2019 –
4045	North Middle Strait	2014	2019 –
4046	Rangat Bay	2016	2019 –
4104	Approaches to Port Meadows and Kotara Anchorage	2017	2019 –
4107	Interview Island	2018	2019 –
4111	Port Anson	2017	2019 –
4115	Port Mouat	2017	2019 –
4134	Stewart Sound	2018	2019 –
4161	Car Nicobar Island	2014	2015 – 074. 2019 –

Chart No.	Chart Title	Year of Publication	Permanent Corrections (Numbers of Notices to Mariners)
4162	Approaches to Batti Malv Island	2015	2019 –
4163	Approaches to Chowra Island	2012	2015 – 074. 2019 –
4164	Tarasa Dwip	2012	2014 –110. 2019 –
4165	Bampoka Island	2012	2015 – 074. 2019 –
4173	Katchall Island (Wester Portion)	2018	2019 –
4177	Tillanchang Island	2017	2019 –
4181	South Bay & Approaches	2014	2016 – 125. 2019 –
4182	Campbell Bay and Anderson Island	2014	2015 – 102. 2016 – 125. 2019 –
4183	Approaches to Casuarina Bay	2014	2016 – 125. 2019 –
4184	Trinkat Champlong Bay	2015	2019 –
4205	Revello and Beresford Channels	2015	2016 – 156 – 172. 2017 – 050 – 148. 2018 – 073. 2019 –

SECTION II**Notice No. 30/2018 UNEXPLODED CHARGES****Unexploded charges, not dangerous to surface navigation, reported as follows: -**

Sl. No.	Position	Date Reported	Charts Affected
1.	22°56'.00N.,63°15'.00E.	25-12-77	291, 21.
2.	21°59'.00N.,66°15'.00E.	17-08-75	271, 291, 21.
3.	21°47'.00N.,67°30'.00E.	18-03-74	251(INT7318), 271, 291, 292(INT7021), 21.
4.	21°45'.10N.,69°01'.07E.	19-11-76	204,252(INT7325), 271, 291, 292(INT7021), 21.
5.	21°11'.00N.,68°35'.00E.	16-12-88	251(INT7318),252(INT7325), 292(INT7021), 21.
6.	21°10'.00N.,68°40'.10E.	03-11-89	252(INT7325), 271, 292(INT7021),22(INT752), 21.
7.	21°03'.71N.,68°38'.48E.	13-03-90	252(INT7325), 271, 292(INT7021), 21.
8.	21°03'.00N.,68°42'.50E.	10-02-80	252(INT7325), 271, 292(INT7021), 21.
9.	21°01'.00N.,67°57'.00E.	16-03-78	252(INT7325), 292(INT7021), 21.
10.	21°00'.66N.,68°55'.05E.	12-02-90	292(INT7021), 21.
11.	20°58'.00N.,68°02'.10E.	30-11-88	271, 292(INT7021), 21.
12.	20°55'.50N.,68°01'.01E.	19-11-75	271, 292(INT7021), 21.
13.	20°53'.20N.,69°10'.50E.	02-09-92	205, 292(INT7021),252(INT7325),253(INT7328), 21.
14.	20°49'.00N.,69°06'.50E.	04-12-89	205, 252(INT7325), 253(INT7328), 292(INT7021), 21.
15.	20°46'.26N.,69°00'.26E.	22-11-88	253(INT7328), 292(INT7021), 21.
16.	20°45'.20N.,68°00'.00E.	28-12-88	292(INT7021), 21.
17.	20°45'.00N.,68°58'.00E.	15-01-75	253(INT7328), 292(INT7021), 21.
18.	20°45'.00N.,68°55'.00E.	16-12-88	253(INT7328), 292(INT7021), 21.
19.	20°43'.90N.,68°01'.30E.	14-12-89	292(INT7021), 21.
20.	20°40'.00N.,87°47'.00E.	20-01-76	351(INT7419),352(INT7416),31.
21.	20°39'.00N.,69°14'.00E.	14-12-89	253(INT7328), 292(INT7021), 21.
22.	20°30'.00N.,69°10'.00E.	13- 02-70	253(INT7328), 292(INT7021), 21.
23.	20°28'.22N.,69°10'.67E.	23-12-88	253(INT7328), 292(INT7021), 21.
24.	20°23'.45N.,68°11'.62E.	07-04-93	292(INT7021), 21.
25.	19°55'.00N.,71°20'.00E.	21-05-73	253(INT7328),254(INT7331),255(INT7334),292(INT7021), 21.
26.	19°47'.50N.,86°46'.00E.	02-04-80	352(INT7416),31.
27.	19°40'.20N.,69°16'.46E.	20-05-93	253(INT7328), 292(INT7021), 21.
28.	19°38'.00N.,69°23'.00E.	10-04-76	253(INT7328), 292(INT7021),21.
29.	19°34'.03N.,69°25'.84E.	28-05-93	253(INT7328), 292(INT7021), 21.
30.	19°15'.50N.,69°14'.65E.	08-04-90	292(INT7021),22(INT752),21.
31.	19°08'.72N.,68°52'.79E.	17-04-93	292(INT7021), 21.
32.	19°07'.50N.,85°32'.50E.	14-12-78	352(INT7416), 31.
33.	18°58'.00N.,72°14'.00E.	26-09-71	211,255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
34.	18°56'.00N.,72°16'.00E.	22-08-70	211,255(INT7334),292(INT7021), 293(INT7022), 22(INT752),21.
35.	18°55'.80N.,72°19'.50E.	23-11-71	211,255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
36.	18°55'.67N.,72°30'.50E.	25-11-71	2016(INT7336),211,255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
37.	18°55'.42N.,72°50'.58E.	05-01-76	2001,2015(INT7337),2016(INT7336),211,255(INT7334),292(INT7021),293(I NT7022), 22(INT752),21.
38.	18°55'.40N.,72°50'.50E.	05-01-76	2001,2015(INT7337),2016(INT7336),211,255(INT7334),292(INT7021),293(I NT7022), 22(INT752),21.

Sl. No.	Position	Date Reported	Charts Affected
39.	18°54'.50N.,72°51'.40E.	27-11-71	2015(INT7337),2016(INT7336),211,255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
40.	18°54'.00N.,72°15'.00E.	12-05-76	211, 255(INT7334),292(INT7021),293(INT7022), 22(INT752), 21.
41.	18°51'.00N.,85°23'.00E.	22-11-82	31.
42.	18°51'.00N.,72°26'.75E.	14-07-72	2016(INT7336), 211, 255(INT7334),292(INT7021),293(INT7022), 22(INT752), 21.
43.	18°50'.50N.,71°55'.00E.	04-04-74	255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
44.	18°48'.00N.,86°00'.00E.	05-01-76	31.
45.	18°47'.50N.,72°10'.50E.	19-10-70	211, 255(INT7334),292(INT7021),293(INT7022), 22(INT752),21.
46.	18°46'.20N.,72°10'.00E.	02-02-76	211,255(INT7334),292(INT7021),293(INT7022), 22(INT752), 21.
47.	18°45'.00N.,72°07'.00E.	09-01-70	255(INT7334),292(INT7021),293(INT7022), 22(INT752), 21.
48.	18°41'.50N.,72°16'.50E.	19-10-70	211, 255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
49.	18°40'.00N.,71°54'.00E.	10-09-76	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
50.	18°40'.00N.,71°51'.00E.	22-04-74	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
51.	18°40'.00N.,71°43'.50E.	25-03-77	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
52.	18°40'.00N.,71°43'.00E.	11-11-76	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
53.	18°37'.67N.,71°49'.75E.	02-06-76	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
54.	18°37'.00N.,70°15'.00E.	01-09-75	292(INT7021), 22(INT752), 21.
55.	18°36'.00N.,71°43'.50E.	24-07-78	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
56.	18°35'.33N.,85°33'.66E.	07-05-07	31.
57.	18°35'.20N.,85°12'.90E.	26-01-91	31.
58.	18°35'.00N.,71°53'.50E.	24-12-74	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
59.	18°35'.00N.,71°50'.00E.	24-11-75	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
60.	18°35'.00N.,71°40'.00E.	15-03-70	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
61.	18°33'.00N.,71°43'.00E.	17-07-81	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
62.	18°32'.20 N.,71°41'.80E.	27-07-79	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
63.	18°31'.32N.,85°36'.45E.	10-11-03	31.
64.	18°30'.00N.,71°40'.00E.	25-07-79	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
65.	18°29'.50N.,71°35'.00E.	27-09-07	31, 32 (INT 754), 354 (INT7408), 308.
66.	18°29'.50N.,71°35'.00E.	14-07-79	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
67.	18°22'.00N.,70°29'.00E.	27-10-89	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
68.	18°20'.00N.,71°18'.00E.	24-06-92	255(INT7334), 292(INT7021), 293(INT7022), 22(INT752), 21.
69.	18°19'.00N.,84°33'.00E.	14-09-92	31, 354(INT7408).
70.	18°16'.50N.,84°38'.50E.	09-10-80	354(INT7408), 31.
71.	18°10'.00N.,70°14'.00E.	04-03-80	292(INT7021), 22(INT752), 21.
72.	18°07'.00N.,84°30'.00E.	07-01-82	354(INT7408),391, 31.
73.	18°00'.00N.,71°15'.00E.	12-12-75	293(INT7022), 22(INT752), 21.
74.	17°58'.68N.,84°41'.94E.	04-09-05	354(INT7408), 31.
75.	17°55'.50N.,84°14'.40E.	31-12-91	354(INT7408) 391, 32(INT754), 31.
76.	17°50'.00N.,83°46'.50E.	09-04-79	308, 354(INT7408), 391,31,32(INT754).
77.	17°49'.50N.,84°03'.00E.	07-02-90	308, 354(INT7408),391, 31, 32(INT754).
78.	17°48'.00N.,84°05'.00E.	27-12-83	308, 354(INT7408),391, 31, 32(INT754).
79.	17°43'.20N.,84°55'.14E.	22-02-04	31,354 (INT7408),7706 (INT 706)
80.	17°43'.00N.,83°53'.00E.	23-08-71	308, 354(INT7408),391, 31, 32(INT754).
81.	17°41'.50N.,84°02'.00E.	28-11-78	308, 354(INT7408),391, 31, 32(INT754).
82.	17°39'.00N.,84°08'.00E.	31-01-79	308, 354(INT7408),391, 31, 32(INT754).
83.	17°39'.00N.,84°04'.00E.	27-11-90	308,354(INT7408),391, 32(INT754), 31.

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84.	17°38'.80N.,83°45'.40E.	08-06-89	308,354(INT7408),391, 31, 32(INT754).
85.	17°37'.70N.,67°34'.50E.	12-02-91	21.
86.	17°37'.63N.,84°07'.84E.	24-10-00	308, 354(INT7408), 391, 31, 32(INT754).
87.	17°36'.60N.,83°24'.20E.	14-07-83	3002(INT7410), 308,354(INT7408),391, 31, 32(INT754).
88.	17°35'.70N.,83°26'.40E.	16-02-81	3002(INT7410), 308, 354(INT7408),391, 31, 32(INT754).
89.	17°35'.00N.,84°03'.00E.	27-02-87	308, 354(INT7408),391, 31, 32(INT754).
90.	17°34'.92N.,84°04'.15E.	31-12-05	308, 354(INT7408), 391, 31, 32(INT754).
91.	17°32'.30N.,83°49'.40E.	02-06-89	308, 354(INT7408), 391, 31, 32(INT754).
92.	17°31'.75N.,83°43'.69E.	10-11-90	308, 354(INT7408), 391, 31, 32(INT754).
93.	17°31'.40N.,83°46'.80E.	09-05-91	308, 354(INT7408), 391, 31, 32(INT754).
94.	17°31'20 N.,83°44'.80E.	09-03-92	308, 354(INT7408), 391, 31, 32(INT754).
95.	17°30'.80N.,83°45'.20E.	10-06-79	308, 354(INT7408), 391, 31, 32(INT754).
96.	17°30'.00N.,83°56'.00E.	18-03-91	308, 354(INT7408), 391, 31, 32(INT754).
97.	17°29'.90N.,83°44'.50E.	09-03-92	308, 354(INT7408), 391, 31, 32(INT754).
98.	17°29'.60N.,83°44'.20E.	09-03-92	308, 354(INT7408), 391, 31, 32(INT754).
99.	17°29'.00N.,83°45'.60E.	09-05-91	308, 354(INT7408), 391, 31, 32(INT754).
100.	17°29'.00N.,83°45'.00E.	07-11-91	308, 354(INT7408), 391, 31, 32(INT754).
101.	17°28'.60N.,83°50'.00E.	18-12-84	308, 354(INT7408), 391, 31, 32(INT754).
102.	17°28'.50N.,83°50'.00E.	08-03-79	308, 354(INT7408), 391, 31, 32(INT754).
103.	17°28'.50N.,83°43'.70E.	21-12-89	308, 354(INT7408), 391, 31, 32(INT754).
104.	17°28.50 N.,82°47'.80E.	13-02-92	308, 354(INT7408), 391, 31, 32(INT754).
105.	17°28'.40N.,83°45'.80E.	29-04-89	308, 354(INT7408), 391, 31, 32(INT754).
106.	17°28'.00N.,83°58'.00E.	23-03-79	308, 354(INT7408), 391, 31, 32(INT754).
107.	17°28'.00N.,83°53'.00E.	13-05-87	308, 354(INT7408), 391, 31, 32(INT754).
108.	17°28'.00N.,83°52'.50E.	18-12-84	308, 354(INT7408), 391, 31, 32(INT754).
109.	17°28'.00N.,83°47'.40E.	11-04-91	308, 354(INT7408), 391, 31, 32(INT754).
110.	17°28'.00N.,83°46'.00E.	22-02-89	308, 354(INT7408), 391, 31, 32(INT754).
111.	17°27'.70N.,83°44'.20E.	13-02-92	308, 354(INT7408), 391, 31, 32(INT754).
112.	17°27'.60N.,83°45'.90E.	10-04-91	308, 354(INT7408), 391, 31, 32(INT754).
113.	17°27'.50N.,83°49'.00E.	19-01-78	308, 354(INT7408),391, 31, 32(INT754).
114.	17°27'.20N.,83°53'.60E.	17-07-07	308, 354(INT7408), 391, 31, 32(INT754).
115.	17°27'.00N.,83°49'.00E.	29-08-91	308, 354(INT7408), 391, 31, 32(INT754).
116.	17°27'.00N.,83°46'.00E.	17-05-88	308, 354(INT7408),391, 31, 32(INT754).
117.	17°26'.60N.,83°49'.60E.	13-02-92	308, 354(INT7408), 391, 31, 32(INT754).
118.	17°26'.60N.,83°20'.40E.	05-09-74	308, 354(INT7408),391, 31, 32(INT754).
119.	17°25'.80N.,83°43'.30E.	11-02-88	308, 354(INT7408),391, 31, 32(INT754).
120.	17°25'.50N.,83°46'.70E.	13-04-89	308, 354(INT7408), 391, 31, 32(INT754).
121.	17°25'.50N.,83°32'.50E.	13-03-78	308, 354(INT7408),391, 31, 32(INT754).
122.	17°25'.40N.,83°42'.80E.	09-03-91	308, 354(INT7408), 391, 31, 32(INT754).
123.	17°25'.00N.,83°15'.00E.	10-11-73	308, 354(INT7408),391, 31, 32(INT754).
124.	17°25'.00N.,71°17'.00E.	06-10-89	293(INT7022), 22(INT752).
125.	17°24'.50N.,83°49'.00E.	25-05-79	308, 354(INT7408),391, 32(INT754), 31.
126.	17°23'.40N.,83°47'.18E.	06-06-78	308, 354(INT7408),391, 31, 32(INT754).
127.	17°23'.30N.,83°24'.70E.	07-10-74	308, 354(INT7408),391, 31, 32(INT754).
128.	17°23'.04N.,83°47'.54E.	07-02-02	308, 354(INT7408), 391, 31, 32(INT754).
129.	17°23'.00N.,83°50'.00E.	16-07-81	308, 354(INT7408),391, 31, 32(INT754).

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130.	17°23'.00N.,83°46'.00E.	10-02-88	308, 354(INT7408),391, 31, 32(INT754).
131.	17°22'.80N.,83°57'.10E.	20-09-77	308, 354(INT7408),391, 31, 32(INT754).
132.	17°22'.80N.,83°44'.20E.	29-09-89	308,354(INT7408),391,31,32(INT754).
133.	17°22'.80N.,71°11'.40E.	24-01-76	293(INT7022), 22(INT752).
134.	17°22'.50N.,83°45'.00E.	27-03-89	308, 354(INT7408),391, 31, 32(INT754).
135.	17°22'.00N.,83°59'.30E.	05-04-04	308, 354(INT7408), 391, 31, 32(INT754).
136.	17°21'.80N.,83°24'.20E.	07-10-74	308, 354(INT7408), 391, 31, 32(INT754).
137.	17°21'.64N.,83°50'.66E.	11-06-07	308, 354(INT7408), 391, 31, 32(INT754).
138.	17°21'.40N.,83°40'.20E.	27-09-88	308, 354(INT7408), 391, 31, 32(INT754).
139.	17°20'.80N.,83°45'.20E.	13-10-77	308, 354(INT7408), 391, 31, 32(INT754).
140.	17°20'.00N.,83°36'.00E.	20-07-83	308, 354(INT7408), 391, 31, 32(INT754).
141.	17°20'.00N.,71°20'.00E.	05-04-92	293(INT7022), 22(INT752).
142.	17°20'.00N.,71°20'.50E.	06-04-92	293(INT7022), 22(INT752).
143.	17°20'.00N.,71°11'.50E.	17-01-91	293(INT7022), 22(INT752).
144.	17°20'.00N.,70°50'.00E.	28-07-76	293(INT7022), 22(INT752).
145.	17°19'.50N.,83°39'.45E.	25-10-07	308, 354(INT7408), 391, 31, 32(INT754).
146.	17°18'.33N.,83°42'.32E.	18-08-04	308, 354(INT7408), 391, 31, 32(INT754).
147.	17°17'.00N.,70°56'.00E.	04-03-80	293(INT7022), 22(INT752).
148.	17°17'.42N.,83°47'.73E.	04-11-03	308, 354(INT7408), 391, 31, 32(INT754).
149.	17°16'.50N.,83°41'.50E.	20-02-09	308, 354(INT7408), 391, 31, 32(INT754).
150.	17°16'.00N.,71°29'.00E.	20-09-79	293(INT7022), 22(INT752).
151.	17°14'.50N.,83°36'.50E.	03-05-79	354(INT7408), 391, 31, 32(INT754).
152.	17°14'.00N.,71°25'.00E.	11-11-72	293(INT7022), 22(INT752).
153.	17°14'.00N.,83°35'.00E.	24-12-10	354(INT7408),391, 31, 32(INT754).
154.	17°13'.30N.,71°26'.20E.	20-01-73	293(INT7022), 22(INT752).
155.	17°12'.00N.,83°40'.00E.	06-05-76	354(INT7408), 391, 31, 32(INT754).
156.	17°12'.00N.,83°38'.00E.	03-05-79	354(INT7408), 391, 31, 32(INT754).
157.	17°12'.00N.,83°37'.00E.	27-08-81	354(INT7408), 391, 31, 32(INT754).
158.	17°12'.00 N.,83°28'.00E	24-12-10	354(INT7408), 391, 31, 32(INT754).
159.	17°11'.10N.,71°29'.00E.	02-02-89	293(INT7022), 22(INT752).
160.	17°10'.00N.,84°00'.00E.	25-03-78	354(INT7408), 391, 31, 32(INT754).
161.	17°10'.00N.,71°34'.00E.	05-05-81	293(INT7022), 22(INT752).
162.	17°10'.00N.,71°19'.00E.	10-11-72	293(INT7022), 22(INT752).
163.	17°10'.00N.,70°12'.00E.	04-03-80	22(INT752).
164.	17°09'.50N.,83°27'.30E.	18-01-80	354(INT7408), 391, 32(INT754), 31.
165.	17°08'.98N.,84°18'.21E.	24-02-02	354(INT7408), 391, 32(INT754), 31.
166.	17°09'.00N.,83°51'.50E.	20-04-85	354(INT7408), 391, 32(INT754), 31.
167.	17°07'.00N.,83°35'.00E.	26-04-11	354(INT7408), 391, 32(INT754), 31.
168.	17°07'.00N.,71°25'.00E.	08-11-72	293(INT7022), 22(INT752).
169.	17°06'.00N.,83°58'.00E.	17-09-76	354(INT7408), 391, 31, 32(INT754).
170.	17°05'.73N.,83°25'.11E.	19-06-12	354(INT7408), 391, 31, 32(INT754).
171.	17°05'.00N.,83°28'.00E.	09-08-11, 19-08-11 & 30-08-11	31, 32(INT754), 391, 354(INT7408).

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172.	17°05'.00N.,83°25'.00E.	13-11-10, 30-06-11, 20-03-12, 26-04-12, 05-06-12, 13-12-12, 17-04-13, 19-04-13& 04-05-17	31(INT756), 32(INT754), 391, 354(INT7408).
173.	17°05'.00N.,83°02'.00E.	10-05-79	354(INT7408), 391, 31, 32(INT754).
174.	17°04'.00N.,81°11'.00E.	17-09-77	391, 31, 32(INT754).
175.	17°03'.74N.,71°28'.21E.	06-10-89	293(INT7022), 22(INT752).
176.	17°03'.54N.,83°25'.05E.	05-04-10	31, 32(INT754), 391, 354(INT7408).
177.	17°03'.00N.,83°17'.47E.	26-04-79	354(INT7408), 391, 31, 32(INT754).
178.	17°03'.00N.,71°39'.00E.	02-01-78	293(INT7022), 22(INT752).
179.	17°02'.72N.,83°33'.76E.	01-04-10	31, 32(INT754), 391, 354(INT7408).
180.	17°01'.50N.,71°41'.00E.	07-02-91	293(INT7022), 22(INT752).
181.	17°00'.50N.,83°30'.50E.	16-09-11	31, 32(INT754), 391, 354(INT7408).
182.	17°00'.02N.,83°35'.99E.	28-04-10	31, 32(INT754), 391, 354(INT7408).
183.	17°00'.00N.,83°40'.00E.	24-08-17 & 13-10-17	31(INT756), 32(INT754), 391, 354(INT7408).
184.	17°00'.00N.,83°40'.16E.	20-04-18	31(INT756), 32(INT754), 391, 354(INT7408).
185.	17°00'.00N.,83°40'.50E.	27-02-18, 01-03-18, 18-05-18 & 02-11-18	31(INT756), 32(INT754), 391, 354(INT7408).
186.	17°00'.00N.,83°25'.00E.	24-04-10	31, 32(INT754), 391, 354(INT7408).
187.	16°59'.02N.,71°29'.92E.	30-11-92	293(INT7022), 22(INT752).
188.	16°58'.00N.,83°29'.00E.	10-03-78	354(INT7408), 391, 31, 32(INT754).
189.	16°56'.00N.,84°10'.00E.	17-09-76	354(INT7408), 391, 31, 32(INT754).
190.	16°55'.00N.,71°34'.00E.	19-01-78	293(INT7022), 22(INT752).
191.	16°54'.22N.,83°32'.81E.	30-09-00	354(INT7408), 391, 31, 32(INT754).
192.	16°52'.00N.,83°31'.00E.	24-02-09 & 04-03-09	354(INT7408), 391, 31, 32(INT754).
193.	16°52'.00N.,82°58'.00E.	17-12-75	354(INT7408), 391, 31, 32(INT754).
194.	16°51'.12N.,83°30'.58E.	09-07-07	354(INT7408), 391, 31, 32(INT754).
195.	16°50'.00N.,71°49'.00E.	13-12-73	293(INT7022), 22(INT752).
196.	16°50'.00N.,71°30'.00E.	25-11-80	293(INT7022), 22(INT752).
197.	16°49'.34N.,71°53'.73E.	25-09-92	256(INT7430), 293(INT7022), 22(INT752).
198.	16°47'.90N.,83°01'.86E.	04-12-00	354(INT7408), 391, 31, 32(INT754).
199.	16°44'.21N.,83°10'.14E.	25-07-07	354(INT7408), 391, 31, 32(INT754).
200.	16°44'.00N.,82°42'.80E.	17-12-75	355(INT7405), 391, 31, 32(INT754).
201.	16°42'.50N.,83°34'.50E.	30-08-89	354(INT7408), 391, 31, 32(INT754).
202.	16°41'.42N.,83°07'.53E.	03-01-06	354(INT7408), 391, 31, 32(INT754).
203.	16°40'.40N.,72°51'.60E.	21-10-90	213, 256(INT7430), 293(INT7022), 22(INT752).
204.	16°39'.50N.,82°31'.50E.	17-12-75	355(INT7405), 391, 31, 32(INT754).
205.	16°39'.50N.,71°25'.00E.	11-10-72	293(INT7022), 22(INT752).
206.	16°36'.00N.,84°50'.00E.	04-04-79	354(INT7408), 31.
207.	16°33'.00N.,84°37'.00E.	09-03-82	31, 32(INT754).
208.	16°32'.50N.,71°21'.00E.	11-10-72	293(INT7022), 22(INT752).
209.	16°31'.00N.,84°50'.00E.	12-06-78	31.
210.	16°29'.50N.,71°37'.00E.	06-01-81	293(INT7022), 22(INT752).

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211.	16°27'.40N.,71°42'.27E.	06-01-81	293(INT7022), 22(INT752).
212.	16°27'.00N.,71°18'.00E.	11-10-72	293(INT7022), 22(INT752).
213.	16°26'.87N.,89°40'.05E.	04-09-05	31.
214.	16°26'.00N.,82°21'.50E.	18-11-84	355(INT7405), 391, 31, 32(INT754).
215.	16°23'.00N.,85°13'.00E.	21-02-82	31.
216.	16°22'.50N.,71°16'.00E.	11-10-72	293(INT7022), 22(INT752).
217.	16°20'.00N.,82°34'.00E.	30-11-75	355(INT7405), 391, 31, 32(INT754).
218.	16°18'.00N.,72°14'.00E.	15-02-77	256(INT7430), 293(INT7022), 22(INT752).
219.	16°15'.00N.,72°10'.00E.	04-01-77	256(INT7430), 293(INT7022), 22(INT752).
220.	16°14'.48N.,69°07'.37E.	18-06-92	7705 (INT705).
221.	16°12'.50N.,86°10'.00E.	20-04-85	31.
222.	16°12'.00N.,86°26'.00E.	13-09-75	31.
223.	16°12'.00N.,85°27'.00E.	10-08-77	31.
224.	16°08'.00N.,85°40'.00E.	01-02-79	31.
225.	16°03'.98N.,82°24'.60E.	17-08-03	355(INT7405), 391, 31, 32(INT754).
226.	16°02'.00N.,72°10'.00E.	13-07-80	256(INT7430), 293(INT7022), 22(INT752).
227.	16°01'.60N.,82°33'.60E.	30-03-05	355(INT7405), 391, 31, 32(INT754).
228.	16°00'.00N.,86°25'.00E.	13-09-75	31.
229.	16°00'.00N.,72°45'.00E.	04-09-75	256(INT7430), 293(INT7022), 22(INT752).
230.	16°00'.00N.,72°42'.00E.	31-12-75	256(INT7430), 293(INT7022), 22(INT752).
231.	15°59'.50N.,82°02'.50E.	04-01-91	355(INT7405), 391, 31, 32(INT754).
232.	15°58'.00N.,72°27'.00E.	02-11-86	256(INT7430), 293(INT7022), 22(INT752).
233.	15°55'.00N.,72°34'.00E.	14-07-90	256(INT7430), 293(INT7022), 22(INT752).
234.	15°53'.40N.,72°20'.20E.	21-05-90	256(INT7430), 293(INT7022), 22(INT752).
235.	15°53'.15N.,72°29'.68E.	16-02-82	256(INT7430), 293(INT7022), 22(INT752).
236.	15°53'.00N.,85°55'.00E.	17-12-83	31.
237.	15°52'.00N.,72°37'.50E.	22-02-81	256(INT7430), 293(INT7022), 22(INT752).
238.	15°51'.00N.,72°28'.50E.	25-03-93	256(INT7430), 293(INT7022), 22(INT752).
239.	15°50'.00N.,72°35'.00E.	30-09-79	256(INT7430), 293(INT7022), 22(INT752).
240.	15°50'.00N.,72°31'.60E.	19-09-81	256(INT7430), 293(INT7022), 22(INT752).
241.	15°49'.00N.,72°25'.00E.	01-04-73	293(INT7022), 22(INT752).
242.	15°49'.00N.,72°24'.00E.	16-09-79	293(INT7022), 22(INT752).
243.	15°48'.00N.,72°37'.00E.	24-02-82	293(INT7022), 22(INT752).
244.	15°47'.00N.,72°38'.00E.	16-08-82	293(INT7022), 22(INT752).
245.	15°47'.00N.,72°30'.00E.	10-04-79	293(INT7022), 22(INT752).
246.	15°46'.00N.,73°24'.00E.	23-11-76	2043, 213, 214, 257(INT7343), 22(INT752).
247.	15°45'.00N.,86°17'.50E.	13-09-78	31.
248.	15°44'.00N.,72°20'.00E.	04-09-78	293(INT7022), 22(INT752).
249.	15°33'.62N.,81°53'.69E.	16-11-00	355(INT7405), 391, 31, 32(INT754).
250.	15°32'.44N.,72°38'.23E.	23-05-90	293(INT7022), 22(INT752).
251.	15°31'.00N.,73°30'.00E.	20-04-70	2022(INT752), 214, 257(INT7343), 293(INT7022), 22(INT752).
252.	15°26'.00N.,73°06'.00E.	04-09-79	214, 257(INT7343), 293(INT7022), 22(INT752).
253.	15°24'.50N.,73°05'.20E.	14-08-74	214, 257(INT7343), 293(INT7022), 22(INT752).
254.	15°23'.00N.,73°28'.00E.	18-12-76	214, 257(INT7343), 293(INT7022), 22(INT752).
255.	15°13'.05N.,81°38'.80E. to 15°11'.70N.,81°37'.40E.	26-03-05	355(INT7405), 356(INT7400), 391, 31, 32(INT754).

Sl. No.	Position	Date Reported	Charts Affected
256.	15°12'.74N.,72°15'.38E.	11-05-93	293(INT7022), 22(INT752).
257.	15°12'.00N.,72°15'.40E.	11-05-93	293(INT7022), 22(INT752).
258.	15°04'.80N.,73°40'.40E.	16-08-73	214, 215, 257(INT7343), 293(INT7022), 22(INT752).
259.	14°54'.00N.,73°28'.90E.	05-04-75	257(INT7343), 293(INT7022), 22(INT752).
260.	14°49'.88N.,82°26'.45E.	19-05-04	31, 32(INT754), 391.
261.	14°45'.50N.,74°07'.50E.	25-05-79	2010, 2008, 215, 216, 257(INT7343), 293(INT7022), 22(INT752).
262.	14°33'.00N.,73°33'.00E.	05-04-75	215, 257(INT7343), 293(INT7022), 22(INT752).
263.	14°32'.00N.,73°10'.00E.	10-04-79	215, 257(INT7343), 293(INT7022), 22(INT752).
264.	14°28'.30N.,74°09'.40E.	13-10-99	216, 257(INT7343), 293(INT7022), 22(INT752).
265.	14°22'.00N.,81°08'.00E.	22-09-87	356(INT7400), 391, 31, 32(INT754), 33.
266.	14°07'.50N.,81°04'.20E.	01-02-89	356(INT7400), 391, 31, 32(INT754), 33.
267.	14°01'.10N.,74°19'.30E.	24-04-85	2072, 216, 257(INT7343), 258(INT7348), 293(INT7022), 22(INT752).
268.	14°01'.00N.,74°19'.25E.	18-02-78	2072, 216, 257(INT7343), 272, 293(INT7022), 22(INT752).
269.	14°01'.00N.,74°19'.00E.	18-10-77	2072, 216, 257(INT7343), 272, 293(INT7022), 22(INT752).
270.	14°00'.00N.,72°30'.00E.	18-04-78	272, 293(INT7022), 22(INT752).
271.	13°50'.00N.,73°00'.00E.	07-12-89	257(INT7343), 272, 293(INT7022), 22(INT752).
272.	13°41'.00N.,73°01'.00E.	07-02-91	257(INT7343), 272, 293(INT7022), 22(INT752).
273.	13°30'.00N.,80°45'.00E.	18-08-04	313,356(INT7400), 391, 31, 32(INT754), 33.
274.	12°50'.00N.,73°46'.00E.	07-11-76	257(INT7343), 272, 293(INT7022), 22(INT752).
275.	12°33'.00N.,83°01'.00E.	15-06-82	391, 32(INT754), 33.
276.	12°32'.80N.,73°57'.20E.	26-09-90	258(INT7348), 272, 22(INT752).
277.	12°23'.00N.,74°08'.00E.	07-11-76	258(INT7348), 272, 22(INT752).
278.	11°52'.00N.,73°25'.00E.	31-12-75	258(INT7348), 272, 22(INT752).
279.	11°42'.80N.,92°51'.20E.	07-02-89	4016, 404(INT7439), 405(INT7440), 473(INT7031), 33, 41(INT757).
280.	11°34'.00N.,74°26'.00E.	13-11-78	258(INT7348), 272, 268(INT7353), 22(INT752).
281.	11°11'.20N.,92°40'.60E.	22-06-86	4030, 405(INT7440), 473(INT7031), 33, 41(INT757).
282.	11°10'.00N.,73°40'.00E.	18-01-77	268(INT7353), 272, 273, 22(INT752).
283.	11°01'.00N.,73°00'.00E.	25-09-88	268(INT7353), 273, 22(INT752).
284.	10°53'.00N.,75°26'.00E.	10-04-71	219, 220, 259(INT7356), 22(INT752).
285.	10°49'.40N.,75°06'.50E.	11-09-89	259(INT7356), 22(INT752).
286.	10°40'.00N.,72°22'.00E.	31-12-75	268(INT7353), 273, 22(INT752).
287.	10°37'.00N.,74°55'.50E.	09-05-78	259(INT7356), 22(INT752).
288.	10°35'.10N.,80°42'.00E.	03-10-89	357(INT7397), 358(INT7394), 32(INT754), 33.
289.	10°25'.00N.,75°15'.00E.	24-05-79	259(INT7356), 22(INT752).
290.	10°25'.00N.,70°40'.00E.	21-11-75	22(INT752).
291.	10°15'.00N.,75°32'.00E.	24-06-71	220, 259(INT7356), 22(INT752).
292.	10°14'.00N.,75°25'.00E.	08-05-72	259(INT7356), 22(INT752).
293.	10°14'.00N.,75°00'.00E.	08-05-72	259(INT7356), 22(INT752).
294.	10°13'.80N.,75°37'.60E.	16-05-73	220, 259(INT7356), 22(INT752).
295.	10°13'.00N.,75°28'.00E.	20-12-77	220, 259(INT7356), 22(INT752).
296.	10°12'.60N.,75°47'.08E.	25-03-74	220, 259(INT7356), 32(INT754), 22(INT752).
297.	10°12'.50N.,75°27'.50E.	05-01-89	220, 259(INT7356), 22(INT752).
298.	10°10'.17N.,75°20'.00E.	26-10-77	259(INT7356), 22(INT752).
299.	10°08'.50N.,75°42'.00E.	29-09-71	220, 259(INT7356), 22(INT752).
300.	10°08'.00N.,75°51'.00E.	22-08-80	220, 259(INT7356), 32(INT754), 22(INT752).
301.	10°08'.00N.,75°44'.00E.	07-06-74	220, 259(INT7356), 22(INT752).
302.	10°05'.00N.,75°48'.83E.	22-04-70	220, 259(INT7356), 32(INT754), 22(INT752).

Sl. No.	Position	Date Reported	Charts Affected
303.	10°01'.00N.,75°20'.00E.	31-12-75	259(INT7356), 22(INT752).
304.	09°58'.00N.,75°04'.00E.	04-11-76	259(INT7356), 22(INT752).
305.	09°57'.00N.;75°48'.50E.	18-03-71	220, 259(INT7356), 260(INT7362), 32(INT754), 22(INT752).
306.	09°56'.00N.,75°45'.00E.	05-09-75	220, 259(INT7356), 260(INT7362), 32(INT754), 22(INT752).
307.	09°55'.75N.,75°45'.25E.	18-03-71	220, 259(INT7356), 260(INT7362), 32(INT754), 22(INT752).
308.	09°50'.00N.,76°00'.50E.	20-12-71	2029(INT7358), 220, 259(INT7356), 260(INT7362), 32(INT754), 22(INT752).
309.	08°35'.00N.,76°10'.00E.	03-08-78	222, 260(INT7362), 32(INT754), 22(INT752).
310.	07°43'.20N.,87°19'.50E.	20-01-76	33.

SECTION III

TEMPORARY AND PRELIMINARY NOTICES
NUMERICAL INDEX OF NOTICES IN FORCE
AS ON 01 JANUARY 2019

Notice No.	Remarks	Notice No.	Remarks	Notice No.	Remarks
094/12		036/19			
212/12		037/19			
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TEXT OF TEMPORARY AND PRELIMINARY NOTICES
IN FORCE AS ON 01 JAN 2019

***094(T)/(06/12) INDIA – ANDAMAN SEA – Fish Aggregating Devices.**

Source: Directorate of Fisheries and Environment.

1. Fish aggregating devices (FADs) have been deployed by NIO, Goa. FADs are marked by Yellow colored surface Buoys with characteristics Fl.Y.4s at the following locations:

<u>Buoys No.</u>	<u>Position</u>	<u>Charts Affected</u>
1	11° 28'·476N., 92° 48'·736E.	33 – 41(INT757) – 405 – 473(INT7031) – 4016.
2	11° 42'·349N., 93° 07'·051E	33 – 41(INT757) – 404 – 405 – 473(INT7031).
3	12° 40'·999N., 93° 04'·242E	33 – 41(INT757) – 403 – 473(INT7031).
4	12° 59'·550N., 93° 06'·543E	33 – 41(INT757) – 402 – 403 – 473(INT7031).
5	13° 15'·648N., 93° 10'·085E.	33 – 41(INT757) – 402 – 473(INT7031).
6	10° 59'·098N., 92° 45'·159E	33 – 41(INT757) – 405 – 406 – 473(INT7031).
7	09° 10'·488N., 92° 55'·156E	33 – 41(INT757) – 407 – 472(INT7032).
8	07° 57'·200N., 93° 39'·555E	33 – 41(INT757) – 408 – 409 – 4017.
9	06° 59'·450N., 94° 00'·060E.	33 – 41(INT757) – 409 – 471 – 472(INT 7032) – 4035.
10	10° 56'·168N., 92° 20'·464E.	33 – 41(INT757) – 405 – 406 – 473(INT7031).

2. Mariners to exercise caution and give wide berth of 1 NM from the buoys.

***212(P)/(16/12) INDIA – EAST COAST – Krishnapatnam Port – Port Development. Dredging.**

Source: Krishnapatnam Port Company Ltd.

1. Extensive port development activity is in progress inside Krishnapatnam Port limits. The details of the berths under construction are as follows :

(a) **South berth (S1):** - Length 350 meters, from 14° 14'·78N., 80° 07'·55E to 14° 14'·81N., 80° 07'·35E.

(b) **North west berth (NW1):** - Length 350 meters, from 14° 15'·26N., 80° 06'·48E to 14° 15'·33N., 80° 06'·30E.

*2. Dredging operation is in progress within the area bounded by following co-ordinates:-

14° 14'·89N., 80° 07'·67E.

14° 14'·91N., 80° 07'·26E.

14° 14'·83N., 80° 07'·24E.

14° 14'·78N., 80° 07'·55E.

14° 14'·72N., 80° 07'·64E.

14° 14'·75N., 80° 07'·81E.

3. Mariners to exercise caution and contact local port authorities for more information.

* Indicates new or revised entries.

Former INM 199(P)/12 is cancelled.

Charts affected – 3034

***159 (P)/(15/13) INDIA – ANDAMAN SEA – Nicobar Islands – Campbell Bay – Jetty.**

Source: IH – 102 INS Investigator.

1. A new concrete jetty is under construction bounded by following co-ordinates:

07°00'.48N., 93°55'.75E

07°00'.50N., 93°55'.75E

07°00'.54N., 93°55'.82E

07°00'.52N., 93°55'.82E

2. Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

Charts Affected – 33– 41 (INT 757) – 409 – 471 – 472 – 4035 – 4039.

***066(T)/(06/15) INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Buoys.**

Source: IH 102, ICGS C-136

- Following buoys are missing in Okha Channel:-
 Buoy No 2 22°29'.11N., 69°05'.39E
 Buoy No 3 22°29'.00N., 69°05'.33E
- Mariners are advised to navigate with caution in the area.

Charts affected – 271 – 251 (INT 7318) – 203 (INT 7319) – 2031 (INT 7326) – 2068 – 2013 (INT 7324).***121(T)/(13/15) INDIA–WESTCOAST– Inner Approaches to Mumbai – Foul.**

Source: IH 102, INS Makar.

- 700 concrete coated pipes reported fallen overboard from cargo barge Freight – 75 and sunk in vicinity 18° 59'·72N., 72° 40'·62E. Extent of submerged pipe area is approximately 46 meters by 29 meters.
- Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

ChartAffected– 21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016.***127(T)/(14/15) INDIA–WESTCOAST– Porbandar Port – Jetty.**

Source: IH 102, INS Satpura.

- North end of GMB jetty reported damaged near curved portion. Underwater obstructions reported in vicinity of damaged portion.
- Mariners are advised to navigate with caution and contact local port authorities for more information.

ChartAffected– 2040.***035 (T)/(01/16) INDIA–WESTCOAST–Azhikkal Anchorage – Racon.**

Source: DLL Cochin.

- Following lighthouse RACON are reported inoperative.

SI No.	Name	Postion	RACON Code	Charts Affected
(a)	Moundilli	12° 00'·43N., 75° 12'·12E.	'K'	22 – 272 – 258 (INT 7348) – 218 – 2025

- Mariners are advised to contact local port authorities for more information.

***046 (T) (02/16) INDIA – WEST COAST – Gulf of Kachchh Deep Water Route – Buoy.**

Source: Okha Port.

- A wave rider buoy is placed in position 22° 29'·15N., 68° 58'·84E. to alert all fishing vessel in terms of bad weather for their safety.
- Mariners are advised to navigate with caution.
- Former INM 200(T)/15 is cancelled.**

Charts affected – 202 – 203 (INT 7319) – 2031 (INT 7326) – 2068.

***075 (T) (05/16) INDIA – WEST COAST – Port of Mumbai – Buoys.**

Source: Mumbai Port Trust.

1. Following buoys are not in place/ unlit:-

<u>Buoy No.</u>	<u>Position</u>	<u>Characteristic</u>	<u>Status</u>
N1	18° 49'·15N., 72° 40'·86E.	Fl.G.5s	Presently located in position 18° 49'·34N., 72° 42'·05E. (approx.)
N4	18° 50'·36N., 72° 42'·08E.	Fl(2)R.10s	Missing
N7	18° 50'·19N., 72° 46'·33E.	Fl.G.5s	Presently located in position 18° 50'·11N., 72° 46'·47E. (approx.)
N12	18° 51'·49N., 72° 48'·82E.	Fl(3)R.5s	Unlit

2. Mariners are advised to navigate with caution in the area.

3. **Former INM 078(T)/15 is cancelled.**

Charts affected – 2016 (INT 7336) – 2015 (INT 7337).

***101 (T) (07/16) INDIA– EAST COAST– Paradip Port – RACON.**

Source: DLL Kolkata.

1. Following lighthouse RACON is reported inoperative.

<u>Sl No.</u>	<u>Name</u>	<u>Position</u>	<u>RACON Code</u>	<u>Charts Affected</u>
(a)	Paradip	20° 15'·32N., 86° 39'·38E.	'K'	31 – 352 (INT 7416) – 3041 – 3010 (INT 7418).

2. Mariners are advised to contact local port authorities for more information.

***121 (T) (11/16) INDIA – EAST COAST – Chennai (Madras) to Ramayapatnam – Open Sea Cage.**

Source: NIOT Chennai.

1. 08 sea cages have been deployed East of Tuplipalaem fishing village at a depth of 13 m for duration of 05 years. The four corners of the installation are fitted with solar lights with day light control for clear demarcation of the installation.

2. The sea cages are deployed within the multipoint grid with the approximate size of 200X80m at below coordinates:

- (a) 14° 02'·58N., 80° 10'·78E
 (b) 14° 02'·57N., 80° 10'·97E
 (c) 14° 02'·49N., 80° 10'·81E
 (d) 14° 02'·49N., 80° 10'·97E

3. Mariners are advised to navigate with caution and keep clear off the area.

Charts Affected – 31 – 32 (INT 754) – 391 – 356 (INT 7400)

***153 (P) (15/16) INDIAN OCEAN – MALDIVES – Male' Atoll – Sea Bridge.**

Source: NHO Dehradun.

1. Construction work of sea bridge is in progress in area bounded by the following coordinates:-

<u>Sl. No.</u>	<u>Position</u>	<u>Sl. No.</u>	<u>Position</u>
(i)	04°10'·22 N., 073° 31'·04 E.	(viii)	04°10'·57 N., 073° 31'·69 E.
(ii)	04°10'·25 N., 073° 31'·20 E.	(ix)	04°10'·48N., 073° 31'·58 E.
(iii)	04°10'·30 N., 073° 31'·31 E.	(x)	04°10'·41N., 073° 31'·51 E.
(iv)	04°10'·36 N., 073° 31'·42 E.	(xi)	04°10'·35 N., 073° 31'·42 E.
(v)	04°10'·42 N., 073° 31'·51 E.	(xii)	04°10'·29N., 073° 31'·31 E.
(vi)	04°10'·49 N., 073° 31'·58 E.	(xiii)	04°10'·24N., 073° 31'·20 E.
(vii)	04°10'·58 N., 073° 31'·68 E.	(xiv)	04°10'·21N., 073° 31'·03 E.

2. Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

Charts Affected – 2061 – 2099

***166 (T) (17/16) INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.**

Source: NIOT - Chennai.

1. Following yellow coloured data buoys characteristics FL(4)15s4M, 3m diameter and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

Buoy No.	Position	Charts affected
AD02/ MB	14° 51'·88N., 68° 54'·87E.	7705 (INT 705)
AD04/ MB	08° 29'·03N., 73° 05'·62E.	22 (INT 752), 23, 273
AD06/OB	18° 30'·88N., 67° 28'·28E.	21, 292 (INT 7021)
AD07/OB	14° 57'·97N., 68° 59'·37E.	7705 (INT 705)
AD08/ OB	11° 46'·10N., 68° 35'·80E.	7703 (INT 703), 7705 (INT 705)
AD09/ OB	08° 15'·20N., 73° 21'·00E.	22 (INT 752), 23, 273
AD10/ OB	10°19'·07N., 72° 35'·32E.	22 (INT 752), 273, 268 (INT 7353)
CB02/ CB	10° 52'·43N., 72° 12'·53E.	22 (INT 752), 268 (INT 7353), 273, 2047
CB04/ CB	15° 24'·23N., 73° 46'·13E.	22 (INT 752), 293 (INT 7022), 257 (INT 7343), 214, 2022 (INT 7345), 2020
CALVAL/ MB	10° 36'·30N., 72° 13'·78E.	22 (INT 752), 273, 268 (INT 7353)
TB12/ TB	20° 20'·30N., 67° 32'·83E	21, 292 (INT 7021)
STB02/ TB	20° 48'·00N., 65° 25'·00E	21

2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

3. All positions are in WGS 84 datum.

4. * Indicates new/revised entry.

Former INM 141(T)/16 is cancelled.

***168(T) (17/16) INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.**

Source: NIOT - Chennai.

1. Following yellow coloured data buoys characteristics FL(4)15s4M, 3m diameter and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

Buoy No.	Position	Chart Affected
BD08/ OB	18° 09'·95N., 89° 39'·12E	31
BD09/ OB	17° 50'·88N., 89° 40'·50E	31
BD10/ OB	16° 30'·02N., 87° 58'·80E	31
*BD11/ OB	13° 29'·12N., 84° 00'·07E	32 (INT 754),33,391
BD12/ OB	10° 29'·92N., 94° 01'·83E	33, 41(INT 757), 472 (INT 7032)
BD13/ OB	14° 00'·57N., 86° 58'·88E	31, 33
BD14/ OB	06° 35'·02N., 88° 14'·93E	33
CB 01/ CB	11° 35'·33N., 92° 35'·75E	33, 41 (INT 757), 404 (INT 7031), 405
*CB 06/ CB	13° 06'·35N., 80° 19'·06E	32 (INT 754), 33, 356 (INT 7400), 357 (INT 7397)
TB03/ TB	06° 19'·12N., 88° 36'·00E	33
TB05/ TB	10° 59'·68N., 89° 36'·37E	33
TB06/ TB	14° 43'·57N., 89° 35'·82E	31
TB09/ TB	17° 18'·32N., 89° 46'·77E	31
STB01/ TB	06° 15'·00N., 88° 48'·00E	33
STB03/ TB	03° 48'·60N., 91° 42'·00E	7706 (INT 706)
STB04/ TB	10° 00'·00N., 88° 30'·00E	33
STB05/ TB	13° 30'·00N., 89° 00'·00E	33

2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

3. All positions are in WGS 84 datum.

4. * Indicates new/ revised entry.

Former INM 144(T)/16 is cancelled.

***179 (T) (19/16) INDIA – EAST COAST – Puducherry Harbour – Data Buoy.**

Source: IH 102, INS Darshak.

1. An oceanographic data observation buoy laid in position 11° 55'·29N., 79° 51'·14E.
2. Mariners are advised to exercise caution.

Charts affected – 32 (INT 754) – 357 (INT 7397) – 3003.

***045 (T) (03/17) INDIA – WEST COAST – Dighi Port – Buoys.**

Source: Dighi Port LTD.

1. All channel marking buoys are unlit. Port is undertaking day navigation only.
2. Mariners are advised to contact local port authorities for more information.

Charts affected – 2036 – 2103.

***064 (T) (06/17) INDIA – WEST COAST – Approaches to Port Pipavav – Dredging Operation.**

Source: VTS Khambhat.

1. Capital dredging is in progress at Swan LNG site in and around Jafarabad port. Approximately 15 vessels comprising dredgers and support vessels of various sizes are operating at any given time in below mentioned area:-

Dredge Site:-

West 20° 51'·50N., 71° 28'·46E.

East 20° 52'·97N., 71° 28'·86E.

Dump Site:-

(i) 20° 51'·50N., 71° 33'·30E.

(ii) 20° 51'·50N., 71° 30'·40E.

(iii) 20° 52'·50N., 71° 30'·40E.

(iv) 20° 52'·50N., 71° 33'·30E.

2. Vessels approaching Jafarabad and Pipavav are advised to navigate with caution and give wide berth.
3. Mariners are advised to contact local port authorities for more information.

Charts affected – 253 (INT 7328) – 254 (7331) – 207 – 2081 – 2100 (INT 7344).

***079 (T) (09/17) INDIA – WEST COAST – Diu Head to Gopnath Point – LIDAR.**

Source: National Institute of Wind Energy (NIWE).

1. National Institute of Wind Energy (NIWE) has installed offshore substructure (monopile and platform) for mounting LIDAR based wind monitoring station in position 20° 46'·59N., 71° 40'·13E.
2. Vessels are advised to navigate with caution and contact local port authorities for more information.

Charts affected – 292 (INT 7021) – 254 (7331) – 207.

***105(T) (13/17) INDIA – WEST COAST – Viliinjam Anchorage, Alleppey Anchorage – Buoys.**

Source: AdaniVizhinjam Port Pvt. Ltd.

1. Intensive shoreline monitoring of the coast 20 KM on either side of Vizhinjam Port is in progress. As part of the project 03 Turbidity buoys and 01 Wave Rider Buoy is placed in the following position:-

Buoy	Location
Wave Rider Buoy	08° 21'·20N., 76° 59'·76E.
Turbidity Buoy No. 1	08° 20'·98N., 77° 00'·13E.
Turbidity Buoy No. 2	08° 21'·83N., 76° 59'·24E.
Turbidity Buoy No. 3	08° 22'·46N., 76° 59'·27E.

***105(T) (13/17) INDIA – WEST COAST – Viliñjam Anchorage, Alleppey Anchorage – Buoys.(Continued).**

2. The buoys have been deployed for a probable duration of 03 years.
3. Vessels are advised to navigate with caution and contact local port authorities for more information.
4. **Charts Affected – 260 (INT 7362) – 261 – 222 – 223 – 2012**

***063 (T) (04/18) INDIA – EAST COAST – Vishakhapatnam Harbour –Dredging.**

Source: HQENC.

1. Dredging for beach nourishment in progress at area bounded by following co-ordinates :

Sl. No.	Position
(a)	17° 42'·42N., 83° 19'·25E.
(b)	17° 42'·23N., 83° 19'·43E.
(c)	17° 42'·07N., 83° 19'·24E.
(d)	17° 42'·27N., 83° 19'·07E.

2. Mariners are advised to navigate with caution in the area and contact local port authorities for latest information.

Charts affected – 31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).

***069 (P) (05/18) INDIA – WEST COAST – Jaigarh and Angre Ports – Construction work.**

Source: Jaigarh Port Limited.

1. Construction work is in progress in the following areas :

Area I		Area II	
Sl. No.	Position	Sl. No.	Position
(a)	17° 18'·60N., 73° 11'·67E.	(a)	17° 18'·31N., 73° 12'·10E.
(b)	17° 18'·57N., 73° 11'·85E.	(b)	17° 18'·40N., 73° 11'·95E.
(c)	17° 18'·45N., 73° 11'·83E.	(c)	17° 18'·37N., 73° 11'·93E.
(d)	17° 18'·49N., 73° 11'·65E.	(d)	17° 18'·28N., 73° 12'·085E.

2. Mariners are advised to navigate with caution in the area and contact port authority for latest information.

Charts affected – 212 – 2011 – 2105.

***085 (P) (08/18) INDIA – WEST COAST – Mumbai Docks – Construction Work.**

Source: Mumbai Port Trust.

1. Construction work of Berth No. 5 at Jawahar Dweep Oil Tanker Terminal at Jawahar Dweep is under progress in area bounded by the following :

(a) Buoy with White Light	18° 56'·10N., 72° 53'·48E.
(b) Buoy with White Light	18° 56'·18N., 72° 53'·63E.
(c) Buoy with White Light	18° 56'·25N., 72° 53'·74E.
(d) Buoy with White Light	18° 56'·36N., 72° 53'·88E.
(e) Orange Buoy	18° 56'·37N., 72° 53'·86E.
(f) Orange Buoy	18° 56'·23N., 72° 53'·42E.
(g) Orange Buoy	18° 56'·34N., 72° 53'·59E.
(h) Orange Buoy	18° 56'·15N., 72° 53'·50E.

2. Mariners are advised to navigate with caution.

Charts affected – 21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2076 (INT 7338) – 2016 (INT 7336) – 2015 (INT 7337) – 2001.

***090 (P) (09/18) INDIA –EAST COAST – Visakhapatnam Harbour – Construction work.**

Source: NHO Dehradun.

1. Construction work is in progress in the area bounded by the following coordinates :

Sl. No.	Position
(a)	17° 42'·53N., 083° 15'·85E.
(b)	17° 42'·57N., 083° 15'·77E.
(c)	17° 42'·71N., 083° 15'·89E.
(d)	17° 42'·65N., 083° 15'·98E.

2. Mariners are advised to navigate with caution in the area and contact port authority for latest information.

Charts affected – 31(INT 756) – 32(INT 754) – 391 – 354 – 308 – 3002(INT 7410) – 3012(7411).***116(T)/(12/18) INDIA – WEST COAST – GULF Of KACHCHH – Gulf of Kachchh Eastern Portion – Unlit Vessel.**

Source: Deendayal Port Trust.

1. Four unlit ships without AIS reported in the following position at outer anchorage of Kandla:

<u>Sl. No.</u>	<u>Ship Name</u>	<u>Position</u>
(a)	MV Nautical Global VII	22° 47'·95N., 70° 02'·75E.
(b)	MV Nautical Global XVI	22° 46'·61N., 70° 01'·59E.
(c)	Maharshi Krishnatreya	22° 47'·66N., 70° 04'·42E.
(d)	Maharshi Mahatreya	22° 46'·95N., 70° 06'·26E.

2. Mariners are advised to keep sharp lookout and keep well clear from the above mentioned vessels while navigating in the area.

Charts affected – 21 – 203 (INT 7319) – 291 – 2080.***118(T)/(12/18) INDIA – EAST COAST – Approaches to Krishnapatnam – Buoy.**

Source: Krishnapatnam Port Co. Ltd.

1. Following buoys are removed for maintenance:

<u>Buoy No.</u>	<u>Position</u>	<u>Characteristic</u>
No.11	14°15'·09N., 080°10'·14E	Q.G
No.13	14°15'·00N., 080°09'·33E	Fl.G.5s

2. Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

Charts affected – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 3034.***134 (P) (14/18) INDIA –WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.**

Source: JNPT.

1. Construction work is in progress in the area bounded by the following coordinates :

Sl. No.	Position
(a)	18° 56'·54N., 072° 56'·37E.
(b)	18° 56'·33N., 072° 56'·63E.
(c)	18° 56'·45N., 072° 56'·74E.
(d)	18° 56'·65N., 072° 56'·47E.

2. Mariners are advised to navigate with caution in the area and contact port authority for latest information.

Charts affected – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).

***145(T) (16/18) INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)	Charts affected
BOGS10	19° 25'.88N	85° 42.28E	172	31 (INT 756) – 352 (INT 7416).
BOGD10	19° 23'.85N	85° 47'.44E	184, 587	31 (INT 756) – 352 (INT 7416).
BODD1	19° 58'.55N	88° 19'.57E	153, 561	31 (INT 756).
BOVD8	17° 45'.32N	84° 02'.96E	140, 567	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308.
BOVS8	17° 48'.13N	83° 58'.90E	89, 161	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308.
BOKS9	16° 15'.28N	82° 07'.39E	168	31 (INT 756) – 32 (INT 754) – 391 – 355 (INT 7405).
BOKD9	16° 07'.93N	82° 11'.97E	168, 526	31 (INT 756) – 32 (INT 754) – 391 – 355 (INT 7405).
BOND1	14° 29'.81N	80° 24'.84E	160, 565	31 (INT 756) – 32 (INT 754) – 356 (INT 7400) – 391.
BOPS9	12° 00'.29N	80° 07'.51E	170	32 (INT 754) – 33 (INT 755) – 357 (INT 7397).
BOPD9	12° 01'.00N	80° 12'.51E	183, 608, 1032	32 (INT 754) – 33 (INT 755) – 357 (INT 7397).

- All positions referred to WGS 84 datum.
- Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
- Former INM 105(T)/18 is cancelled.**

***163 (T) (20/18) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)	Charts affected
OMD11	20° 00'.53N	69° 14'.25E	154,280,580	21 – 253(INT 7328) – 292(INT 7021).
OJD2	17° 31'.55N	71° 07'.29E	150,500	21 – 22(INT 752) – 293(INT 7022).
OGD14	15° 09'.93N	72° 44'.73E	160,289,641	22(INT 752) – 293(INT 7022) – 214.
OOD1	22° 15'.79N	67° 28'.42E	145,500,855	21 – 291 – 292(INT 7021) – 271 – 251(INT 7318).
OUD2	12° 29'.93N	74° 02'.38E	170,337,683	22(INT 752) – 272 – 258(INT 7348).
OKD11	09° 02'.85N	75° 26'.05E	142,297,802	22(INT 752) – 259(INT 7356) – 221.
KKD9	06° 57'.57N	77° 23'.51E	158,513,1018	22(INT 752) – 32(INT 754) – 263(INT 7383) – 261.

- All positions referred to WGS 84 datum.
- Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
- Former INM 077(T)/18 is cancelled.**

***164 (P) (20/18) INDIA –WEST COAST – Veraval to Diu Head– Construction work.**

Source: Sharpoorji Pallonji Infrastructure Capital Company Pvt Ltd.

1. Construction work is in progress in the area bounded by the following coordinates:-

Sl. No.	Position
(a)	20° 43'·30N., 070° 44'·88E.
(b)	20° 41'·60N., 070° 44'·88E.
(c)	20° 42'·40N., 070° 42'·65E.
(d)	20° 44'·00N., 070° 43'·00E.

2. Mariners are advised to navigate with caution in the area and contact port authority for latest information.

Charts affected – 21 – 292(INT 7021) – 253(INT 7328) – 206.***176 (T) (22/18) INDIA – WEST COAST – Umargram to Satpati – Survey.**

Source: Jaigarh Port Limited.

1. Survey operation will be carried out by SV Sai Sowbaghya with towed equipment in the below mentioned areas till 05 Feb 2019 :

Area I		Area II	
Sl. No.	Position	Sl. No.	Position
(a)	19° 42'·36N., 70° 56'·18E.	(a)	18° 49'·20N., 72° 09'·49E.
(b)	19° 41'·28N., 72° 09'·73E.	(b)	18° 48'·81N., 72° 28'·67E.
(c)	18° 54'·89N., 72° 20'·56E.	(c)	17° 58'·73N., 72° 27'·66E.
(d)	18° 55'·08N., 71° 46'·56E.	(d)	17° 59'·05N., 72° 08'·58E.
(e)	18° 55'·74N., 71° 01'·98E.		
(f)	19° 05'·85N., 70° 55'·71E.		
Area III		Area IV	
(a)	18° 39'·62N., 70° 57'·67E.	(a)	20° 37'·99N., 71° 56'·70E.
(b)	18° 39'·55N., 71° 04'·70E.	(b)	20° 37'·80N., 72° 07'·22E.
(c)	18° 33'·30N., 71° 04'·62E.	(c)	20° 03'·33N., 72° 06'·53E.
(d)	18° 33'·61N., 70° 57'·51E.	(d)	20° 03'·75N., 71° 40'·63E.

2. During the drilling period unauthorized navigation, anchoring and fishing is prohibited within 1 NM from the above mentioned areas.

3. Mariners are advised to navigate with caution.

Charts affected – 21 – 22 (INT 752) – 210 – 211 – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 292 (INT 7021) – 293 (INT 7022).***185 (P) (24/18) INDIA – EAST COAST – Kattupalli Port – Construction Work.**

Source: Adani Kattupalli Port Pvt Ltd.

1. Berth no. B-3 is under construction bounded by the following coordinates:-

Sl. No.	Position
(a)	13° 18'·75N., 080° 21'·19E.
(b)	13° 18'·78N., 080° 21'·20E.
(c)	13° 18'·82N., 080° 21'·05E.
(d)	13° 18'·79N., 080° 21'·04E.

2. Mariners are advised to navigate with caution in the area and contact port authorities for more information.

Charts affected – 32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 313 – 3001 (INT 7402) – 3039.

***036 (T) (01/19) INDIA – Andaman Sea – Lights.**

Source: NHO.

- Following lights are temporarily unlit.

SI No	Position	Light Characteristics	Charts Affected
01	06° 59'·19N., 93° 55'·60E.	FL(2).10s45m6M	472, 409, 4182, 4039
02	06° 59'·45N., 93° 56'·28E.	Fl.5s	4182, 4039
03	07° 00'·42N., 93° 55'·09E.	Fl.5s22m5M	4182, 4039
04	07° 00'·44N., 93° 55'·08E.	Q.10m5M	4182, 4039

- Mariners are advised to navigate with caution in the area and contact local port authorities for more details. .
- Former INM 185(T)/15 is cancelled.**

***037 (T) (01/19) INDIA– WEST COAST– RACON.**

Source: DLL Mumbai.

- Following lighthouse RACON are reported inoperative.

SI No.	Name	Position	RACON Code	Charts Affected
(a)	Aguada Light	15° 29'·52N., 73° 46'·36E.	'O'	22 – 293 (INT 7022) – 257 (INT 7343) – 214 – 2022 (INT 7345) – 2020.

- Mariners are advised to contact local port authorities for more information.
- Former INM 099(T)/16 is cancelled.**

***038(T) (01/19) INDIA – WEST COAST – Karwar Naval Harbour – Buoy.**

Source: HQKNA.

- Following buoy is not in place:-

<u>Buoy No.</u>	<u>Position</u>	<u>Characteristic</u>	<u>Status</u>
No.7	14°45'·82N., 074°07'·67E	Fl.G.5s	Removed for maintenance

- Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

- Former INM 152(T)/16 is cancelled.**

Charts affected – 2008 – 2010.

SECTION IV**LIST OF DEPOTS AND CHART AGENTS FOR THE SALE OF INDIAN PAPER
CHARTS, ENC_s AND PUBLICATIONS****DEPOTS**

Naval Chart Depot Castle Park, ShahidBhagat Singh Road Mumbai – 400 023 Phone: + 91 – 022 – 22751049 Fax:+91 – 022 – 22751049 Email: navalchartdepotmumbai@gmail.com	Naval Chart Depot C/O Fleet Mail Office Visakhapatnam – 530 014 Phone: 0891 – 2812842/ 2812119 Fax: 0891 - 2812842 Email: ncd.vizag@gmail.com
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DETAILS OF AGENTS FOR THE SALE OF ENC

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Web site: www.hydro.gov.uk	C-MAP Norway AS Nyaskaiveien 2, 4379Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: enc@c-map.com , info@c-map.co.no Website: www.c-map.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: data@ecc.no Website: - www.primar.org	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad - 500 034 Telangana Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com

DETAILS OF INDIAN PAPER CHART AND PUBLICATION AGENTS

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Instruments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p>	<p>M/s Global Marine Infratech Pvt. Ltd. SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>L. R. Marine Services 301, 3rd Floor, Biryas House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Lift o Marine Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com sanjeev.sharma@iictechnologies.com Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani's Plam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	

SECTION V**INDIAN HYDROGRAPHIC PUBLICATIONS – PRICE LIST**
(AS ON 01 JAN 2019)

S.No.	Name of Chart/ Publications	Selling price per copy (₹)
1.	Basic Navigational Chart	1950.00
2.	West Coast of India Pilot (INP-1)	4600.00
3.	Bay of Bengal Pilot(INP-2)	4600.00
4.	List of Lights Vol D (INP 21a)	2450.00
5.	List of Lights Vol F & K (INP 21b)	2450.00
6.	List of Radio Signals Vol I – INP 31(1)(Coast Radio Stations)	3600.00
7.	List of Radio Signals Vol II – INP 31(2) (Radio Navigational Aids, Satellite Navigation Systems, Radio Time Signals and Electronic Position Fixing Systems)	3600.00
8.	List of Radio Signals Vol V – INP 31(5) (Global Maritime Distress and Safety System)	3600.00
9.	List of Radio Signals Vol VI – INP 31(6) (Port Operations, Pilot Services and Traffic Management)	3600.00
10.	Notices to Mariners(Fortnightly/Annual/Special)*	PDF Available

*PDF of the publications can be downloaded free of cost from www.hydrobharat.gov.in

SECTION VI

CAUTIONARY NOTES

1. Plotting of Global Positioning System positions in Indian Navigational Charts

All mariners are advised to exercise extreme caution while using the Global Positioning System positions in WGS 84 datum on the Indian navigational charts produced in Everest datum. The variation in these parameters is considerable along the Indian coast and in Andaman & Nicobar and Lakshadweep islands (300 to 800 metres variations). Mariners are also advised to apply datum shift parameters (if available) on the Indian navigational charts before using Global Positioning System positions on Indian charts. These shift parameters are specified on the charts where observed, at a suitable position under legend note. Mariners are advised to use alternate methods of fixing while operating in restricted waters and in vicinity of dangers.

The Chief Hydrographer to the Govt. of India shall not be responsible for any marine accidents arising as a result of usage of GPS positions in WGS 84 datum on Indian navigational charts in Everest datum without the application of Datum Transformation Parameters/corrections where available or listed in the charts.

2. Omission of Certain Navigational Aids and Wrecks in Small Scale Charts

Certain lights, buoys, beacons and wrecks have been omitted from small scale charts; for details of these, the larger scale charts and the List of Lights should be consulted.

3. Display Anomalies in ECDIS

(a) Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode.

Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html for further information.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

4. Safety Fairways, Recommended Routes, Traffic Separation Scheme

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates for the above have been published in the fortnightly Indian Notices to Mariners Edition No 07 of 2018 (01st April 2018).

(a) **Safety Fairways.** An area within which permits are not granted for the erection of oil or gas related structures. The use of a safety fairway is not usually mandatory, but is recommended. Safety fairways have been promulgated in and round offshore development area in Arabian Sea up to the Exclusive Economic Zone (EEZ) due to increased weather related marine accidents and dense traffic. These are mandatory for all Indian ships and vessels transiting through the ODA and recommendatory for all foreign flag ships and vessels irrespective of size.

(b) **Traffic Separation Schemes (TSS).** The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.

5. **ADVISORY FOR ALL VESSELS NAVIGATING INDIAN WATERS**

(a) All vessels navigating in Indian waters are cautioned to keep a sharp look-out for fishing vessels and small crafts, as there have been several incidents of collisions with such vessels in the past resulting in loss of innocent lives as well as damage to property.

(b) It is further cautioned that all vessels need to exercise extreme care while navigating during hours of darkness as such vessels are generally of primitive built (wood/fibre/etc) due to which it may not be detected on ship's radar, especially during adverse weather conditions. Also, such vessels may not be properly lit, or sometimes, only one vessel may be lit among multiple vessels in a cluster.

(c) The general areas of concern on the west coast of India are the areas of convergence and divergence of traffic, mainly between Mangalore to Kanyakumari (Cape Comorin). Further, in these areas, additional caution needs to be exercised and wide berth be given to all such vessels.

(d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.

6. There is a finite amount of lag between publication of large and small scale Indian Nautical Charts. To avoid uncertainty the mariners are advised to use large scale charts for coastal navigation wherever applicable and available. In addition, mariners are to refer large scale charts in conjunction with small scale charts in areas where both overlap during both planning and conduct of passage.

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

All mariners are cautioned against the use of counterfeit copies of IN Charts and publications. Navigational Charts produced after 31 Oct 14 carry NHO crest as watermark on the reverse with backslip. Chart Agent's stamp is mandatory on all Charts.

Counterfeit products may have errors resulting in potential risks. The same are not approved by inspecting agencies and do not satisfy the carriage requirements of SOLAS chapter V.

Mariners are strongly advised not to use or encourage the use of counterfeit charts and publications. Failure to comply with the warning may invite legal action.

SECTION VII

MARINE INFORMATION

1. MSI TRANSMISSION

- (a) Scheduled broadcast of NAVAREA VIII Warnings

At 1000 and 2200 UTC. Urgent warnings are broadcasted as occasion demands.

- (b) Scheduled broadcast of Meteorological Warnings

At 0900 and 1800 UTC. .

- (c) NAVTEX Stations in NAVAREA VIII

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
Sl.	Station Name	B1	Broad Cast Timings in UTC					
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengrula Point	J	0130	0530	0930	1330	1730	2130
(c)	Muttam Point	L	0150	0550	0950	1350	1750	2150
(d)	Porto Novo	O	0220	0620	1020	1420	1820	2220
(e)	Vakalpudi	Q	0240	0640	1040	1440	1840	2240
(f)	Balasore	S	0300	0700	1100	1500	1900	2300
(g)	Keating Point	V	0330	0730	1130	1530	1930	2330
(h)	Mauritius (Cassis)	T	0310	0710	1110	1510	1910	2310
(j)	Seychelles (Mahe)	M	0210	0600	1000	1400	1800	2200

2. GAGAN SYSTEM COMMISSIONED FOR OPERATIONS

The GAGAN System is now commissioned for safety of life, civil aviation, and en- route operations in addition to all other non-aviation applications. The GAGAN signal is being broadcasted through GSAT-8 and GSAT-10 with PRN127 & 128 respectively.

All the GPS users are requested to enable SBAS functionality in their receivers, configure it to receive PRN- 127& 128 and avail the benefits of GAGAN in terms of increased accuracy and reliability. There may be occasional signal outages due to system up-gradation activities.