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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23)Dubai, 20 November - 15 December 2023** |  |
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| PLENARY MEETING | **Addendum 4 toDocument 4-E** |
|  | **18 July 2023** |
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| Director, Radiocommunication Bureau |
| REPORT OF THE DIRECTOR ON THE ACTIVITIES OF THE RADIOCOMMUNICATION SECTOR |
| PART 4 |
| MANAGEMENT OF THE MMSI NUMBERING RESOURCE (ISSUES REFERRED TO IN RESOLUTION 344 (REV.WRC-19) AND OTHER RELATED ISSUES) |

# 1 Introduction

This document summarizes the information related to the management and evolution of the MMSI numbering resource since WRC‑19 as instructed by Resolution **344 (Rev.WRC‑19)**.

# 2 Use of Maritime Identification Digits (MID)

2.1 The three digit MID is an integral part of the 9-digit maritime mobile service identity (MMSI) numbering system. MMSIs are assigned to stations in the maritime mobile and the maritime mobile-satellite services. They have been designed to meet the long-term requirements for establishment of a unique ship identity for both safety and telecommunication purposes, in a large variety of automated radiocommunication systems, e.g. in Digital Selective Calling (DSC) equipment at MF, HF and VHF bands; in narrow-band direct-printing (NBDP) equipment in accordance with Recommendation ITU‑R M.625, maritime satellite equipment, and some other systems.

It may be noted that before 2019 some restrictions existed in the public switched networks of several countries, which led to the situation where some administrations used to assign MMSI numbers with three trailing zeros, thus reducing the capacity of the relevant MID by a factor of 1 000.

However, with publication of Recommendation ITU-R 585-8 in October 2019 the limitations of three trailing zeros were removed, thus increasing the capacity of a single MID to provide up to 1 000 000 MMSIs to ship stations.

2.2 The Bureau continues to receive requests for additional MIDs. However, some of these requests are not fully justified, as the conditions stipulated in the Radio Regulations, concerning the eligibility for additional MIDs, are not satisfied. In such cases, administrations are advised to review their assignment schemes so as to make optimum use of the possibilities of forming identities from the available MIDs, thus preserving the capacity of the numbering plan.

2.3 The Bureau wishes to report that there is no shortage yet in MIDs in any part of the world. However, the situation may change in some regions if a significant number of administrations reach the status of saturation in the assignment of MMSI numbers based on the currently allocated MIDs. In addition, the implementation of new technologies related to protection of the maritime environment, safety and security at sea may increase the usage of MMSI and result in the further depletion of MIDs.

# 3 Status of allocations of MIDs and MMSI assignments

3.1 In the period between August 2019 and the date of preparation of this Report, no new MIDs have been allocated to administrations. Thus, the total number of MIDs allocated to administrations amounts to 292, which now represent 61.60% of the 474 MID combinations currently available for allocation to administrations.

3.2 In addition, based on Recommendation ITU‑R M.585-9 approved in May 2022, MID 979 is allocated for formation of freeform number identities for the specific maritime radio equipment, namely autonomous maritime radio devices (AMRD) Group B devices based on AIS technology. This MID, together with the previously allocated MIDs 970, 972 and 974, was taken from the “900” series from the MID numbering resource, which had been reserved for satisfying future requirements of administrations in MIDs.

3.3 In the period between August 2019 and the date of preparation of this Report, the total of MMSI numbers that have been notified to the Bureau and which were recorded in the ITU’s maritime database has increased by 13.43% (from 638 246 to 723 998 records). It is to be noted that in June 2023 there were 54 144 cases (7.48%) in the category of MMSI numbers with three trailing zeros, while in August 2019 the percentage of notified MMSI numbers with three trailing zeros was 8.71%.

3.4 Details regarding the assigned MMSI numbers that have been notified to the Bureau are given in the Annex to this document.

# 4 Use and notification of MMSI for equipment other than shipborne mobile equipment

4.1 The possibility for administrations to assign MMSI to Search and Rescue (SAR) aircraft, automatic identification system (AIS) Aids to Navigation (AtoN), and craft associated with a parent ship is described in Annex 1 of Recommendation ITU‑R M.585-8, which is incorporated by reference in the Radio Regulations.

4.2 By the time of preparation of this Report, the Bureau received and recorded 109 MMSI numbers assigned to SAR aircrafts of 12 administrations and 2 806 MMSI numbers assigned to AtoNs of 35 administrations. Based on these statistics, it can be concluded that there is no shortage yet in the MMSI numbering resource for the equipment other than shipborne mobile equipment.

Annex

**Statistical data concerning the notified use of Maritime Identification Digits
(August 2019 – June 2023)**

| **Name** | **MID** | **Number of MMSI recorded(August 2019)** | **Recorded with three trailing zeros(August 2019)** | **Number of MMSI recorded(June 2023)** | **Recorded with three trailing zeros(June 2023)** |
| --- | --- | --- | --- | --- | --- |
| Afghanistan | 401 | - | - | - | - |
| Albania (Republic of) | 201 | - | - | 43 | 0 |
| Algeria (People’s Democratic Republic of) | 605 | 514 | 0 | 539 | 0 |
| Andorra (Principality of) | 202 | 1 | 0 | 18 | 0 |
| Angola (Republic of) | 603 | - | - | - | - |
| Antigua and Barbuda | 304305 | 389506 | 310506 | 369490 | 293490 |
| Argentine Republic | 701 | 1 171 | 98 | 1505 | 123 |
| Armenia (Republic of) | 216 | 1 | 1 | 1 | 1 |
| Australia | 503 | 2 642 | 226 | 3 024 | 219 |
|  Christmas Island (Indian Ocean) | 516 | - | - | - | - |
|  Cocos (Keeling) Islands | 523 | - | - | - | - |
| Austria | 203 | 2 255 | 8 | 2 595 | 7 |
| Azerbaijan (Republic of) | 423 | 304 | 0 | 344 | 0 |
| Bahamas (Commonwealth of the) | 308309311 | 1932071 047 | 193207272 | 1731821 058 | 173182247 |
| Bahrain (Kingdom of) | 408 | 518 | 518 | 536 | 485 |
| Bangladesh (People’s Republic of) | 405 | - | - | - | - |
| Barbados | 314 | 138 | 132 | 250 | 250 |
| Belarus (Republic of) | 206 | 1 | 1 | 4 | 1 |
| Belgium | 205 | 20 131 | 668 | 21 208 | 605 |
| Belize | 312 | 37 | 37 | 36 | 36 |
| Benin (Republic of) | 610 | 5 | 0 | 5 | 0 |
| Bhutan (Kingdom of) | 410 | - | - | - | - |
| Bolivia (Plurinational State of) | 720 | 29 | 29 | 46 | 46 |
| Bosnia and Herzegovina | 478 | - | - | - | - |
| Botswana (Republic of) | 611 | - | - | - | - |
| Brazil (Federative Republic of) | 710 | 3 335 | 66 | 6 464 | 67 |
| Brunei Darussalam | 508 | 138 | 24 | 203 | 20 |
| Bulgaria (Republic of) | 207 | 56 | 47 | 92 | 71 |
| Burkina Faso | 633 | - | - | - | - |
| Burundi (Republic of) | 609 | - | - | - | - |
| Cabo Verde (Republic of) | 617 | 38 | 37 | 45 | 44 |
| Cambodia (Kingdom of) | 514515 | 474604 | 474604 | 473603 | 473603 |
| Cameroon (Republic of) | 613 | 2 | 0 | 2 | 0 |
| Canada | 316 | 36 462 | 262 | 46 457 | 333 |
| Central African Republic | 612 | - | - | - | - |
| Chad (Republic of) | 670 | - | - | - | - |
| Chile | 725 | 687 | 6 | 619 | 2 |
| China (People’s Republic of) | 412413414 | 14 61719 617821 | 503788420 | 14 52223 8761 089 | 501784463 |
|  Hong Kong (Special Administrative Region of China) | 477 | 3 824 | 136 | 4 134 | 94 |
|  Macao (Special Administrative Region of China) | 453 | 1 | 0 | 65 | 0 |
|  Taiwan (Province of China) | 416 | - | - | - | - |
| Colombia (Republic of) | 730 | 1 | 0 | 116 | 15 |
| Comoros (Union of the) | 616620 | 517134 | 501131 | 517220 | 501218 |
| Congo (Republic of the) | 615 | - | - | 1 | 1 |
| Costa Rica | 321 | 1 | 0 | 4 | 0 |
| Côte d’Ivoire (Republic of) | 619 | - | - | 5 | 0 |
| Croatia (Republic of) | 238 | 7 009 | 89 | 7 141 | 80 |
| Cuba | 323 | 24 | 24 | 24 | 24 |
| Cyprus (Republic of) | 209210212 | 467304443 | 465304397 | 455399381 | 453399334 |
| Czech Republic | 270 | - | - | - | - |
| Democratic People’s Republic of Korea | 445 | 253 | 253 | 253 | 253 |
| Democratic Republic of the Congo | 676 | 4 | 4 | 4 | 4 |
| Denmark | 219220231331 | 21 041473-- | 623352-- | 25 620370410 | 511254410 |
|  Faroe Islands | 231 | 323 | 301 | 307 | 263 |
|  Greenland | 331 | 836 | 395 | 938 | 496 |
| Djibouti (Republic of) | 621 | 5 | 1 | 5 | 1 |
| Dominica (Commonwealth of) | 325 | 331 | 287 | 232 | 113 |
| Dominican Republic | 327 | - | - | - | - |
| Ecuador | 735 | 3 | 0 | 1 979 | 2 |
| Egypt (Arab Republic of) | 622 | 280 | 0 | 273 | 0 |
| El Salvador (Republic of) | 359 | - | - | - | - |
| Equatorial Guinea (Republic of) | 631 | 4 | 2 | 4 | 2 |
| Eritrea | 625 | 7 | 7 | 7 | 7 |
| Estonia (Republic of) | 276 | 61 | 60 | 60 | 58 |
| Eswatini (Kingdom of) | 669 | - | - | - | - |
| Ethiopia (Federal Democratic Republic of) | 624 | 8 | 8 | 8 | 8 |
| Fiji (Republic of) | 520 | - | - | - | - |
| Finland | 230 | 1 569 | 175 | 9 800 | 177 |
| France | 226227228329347635 | 12664 3151 3651-48 | 1242793190-0 | 11261 78414 4702223 | 109256288000 |
|  Adelie Land | 501 | - | - | - | - |
|  Crozet Archipelago | 618 | - | - | - | - |
|  French Polynesia | 226227228546 | 2971 245 | 2033 | 14151 626 | 1023 |
|  Guadeloupe (French Department of) | 227228329347660 | 7311 422-- | 001-- | 6521 63821 | 00000 |
|  Guiana (French Department of) | 227228745 | 10208 | 000 | 2-228 | 0-0 |
|  Kerguelen Islands | 226227618635 | 11111 | 1106 | -1110 | -106 |
|  Martinique (French Department of) | 227228329347 | 31221 391 | 0101 | 44121 563 | 0101 |
|  New Caledonia | 227228540 | 111 359 | 0014 | -11 513 | -013 |
|  Reunion (French Department of) | 227228347660 | 241591 | 0102 | 171687 | 0101 |
|  Saint Paul and Amsterdam Islands | 607 | - | - | - | - |
|  Saint Pierre and Miquelon (Territorial Collectivity of) | 227228361 | 3168 | 001 | 2183 | 001 |
|  Wallis and Futuna Islands | 227578 | 214 | 20 | 231 | 20 |
| Gabonese Republic | 626 | - | - | 16 | 16 |
| Gambia (Republic of the) | 629 | 3 | 1 | 3 | 1 |
| Georgia | 213 | 124 | 123 | 174 | 173 |
| Germany (Federal Republic of) | 211218 | 51 497164 | 216164 | 56 7371 448 | 192123 |
| Ghana | 627 | 111 | 101 | 111 | 101 |
| Greece | 237239240241 | 6 0255 3481 411465 | 391373590465 | 5 8085 0213 632610 | 382346505610 |
| Grenada | 330 | 1 | 0 | 1 | 0 |
| Guatemala (Republic of) | 332 | - | - | - | - |
| Guinea (Republic of) | 632 | 11 | 1 | 11 | 1 |
| Guinea-Bissau (Republic of) | 630 | - | - | 41 | 0 |
| Guyana | 750 | 43 | 0 | 69 | 0 |
| Haiti (Republic of) | 336 | - | - | - | - |
| Honduras (Republic of) | 334 | 579 | 577 | 579 | 577 |
| Hungary  | 243 | 569 | 2 | 645 | 2 |
| Iceland | 251 | 2 129 | 90 | 2 126 | 100 |
| India (Republic of) | 419 | 826 | 217 | 959 | 215 |
| Indonesia (Republic of) | 525 | 892 | 0 | 892 | 0 |
| Iran (Islamic Republic of) | 422 | 1 560 | 885 | 1 602 | 881 |
| Iraq (Republic of) | 425 | 13 | 0 | 13 | 0 |
| Ireland | 250 | 4 995 | 139 | 9 061 | 128 |
| Israel (State of) | 428 | 17 | 0 | 17 | 0 |
| Italy | 247 | 1 980 | 244 | 1 989 | 241 |
| Jamaica | 339 | 355 | 304 | 527 | 477 |
| Japan | 431432 | 13 073411 | 563411 | 13 072411 | 563411 |
| Jordan (Hashemite Kingdom of) | 438 | - | - | - | - |
| Kazakhstan (Republic of) | 436 | - | - | - | - |
| Kenya (Republic of) | 634 | 1 | 1 | 3 | 3 |
| Kiribati (Republic of) | 529 | 184 | 183 | 172 | 172 |
| Korea (Republic of) | 440441 | 584615 | 584615 | 584615 | 584615 |
| Kuwait (State of) | 447 | 154 | 154 | 154 | 154 |
| Kyrgyz Republic | 451 | - | - | - | - |
| Lao People’s Democratic Republic | 531 | - | - | - | - |
| Latvia (Republic of) | 275 | 354 | 171 | 522 | 187 |
| Lebanon | 450 | - | - | - | - |
| Lesotho (Kingdom of) | 644 | - | - | - | - |
| Liberia (Republic of) | 636637 | 3 746- | 4- | 5 034- | 5- |
| Libya (State of) | 642 | 41 | 2 | 41 | 2 |
| Liechtenstein (Principality of) | 252 | - | - | - | - |
| Lithuania (Republic of) | 277 | 409 | 292 | 618 | 314 |
| Luxembourg | 253 | 448 | 448 | 489 | 477 |
| Madagascar (Republic of) | 647 | 141 | 10 | 141 | 10 |
| Malawi | 655 | - | - | - | - |
| Malaysia | 533 | 4 031 | 388 | 2 869 | 117 |
| Maldives (Republic of) | 455 | 58 | 58 | 58 | 58 |
| Mali (Republic of) | 649 | - | - | - | - |
| Malta | 215229248249256 | 1 2401 4151 3811 2581 176 | 439624706629525 | 1 3051 3611 1421 0073 041 | 630663521428533 |
| Marshall Islands (Republic of the) | 538 | 4 169 | 4 | 5 981 | 5 |
| Mauritania (Islamic Republic of) | 654 | 101 | 8 | 101 | 8 |
| Mauritius (Republic of) | 645 | 156 | 156 | 218 | 213 |
| Mexico | 345 | 781 | 0 | 1 004 | 0 |
| Micronesia (Federated States of) | 510 | - | - | - | - |
| Moldova (Republic of) | 214 | 176 | 0 | 6 | 0 |
| Monaco (Principality of) | 254 | 512 | 512 | 582 | 582 |
| Mongolia | 457 | 316 | 296 | 237 | 221 |
| Montenegro | 262 | 3 | 3 | 7 | 4 |
| Morocco (Kingdom of) | 242 | 465 | 118 | 1 147 | 119 |
| Mozambique (Republic of) | 650 | 1 | 1 | 5 | 1 |
| Myanmar (Union of) | 506 | 35 | 35 | 24 | 24 |
| Namibia (Republic of) | 659 | 258 | 258 | 258 | 258 |
| Nauru (Republic of) | 544 | 3 | 0 | 23 | 0 |
| Nepal (Federal Democratic Republic of) | 459 | - | - | - | - |
| Netherlands (Kingdom of the) | 244245246 | 31 911574619 | 670569556 | 32 959563655 | 645559610 |
|  Aruba | 307 | - | - | - | - |
| Bonaire, Sint Eustatius and Saba | 306 | 1 | 1 | 48 | 32 |
|  Curaçao | 306 | 328 | 326 | 362 | 330 |
| Sint Maarten (Dutch part) | 306 | - | - | - | - |
| New Zealand | 512542 | 502 | 270 | 542 | 290 |
|  Cook Islands | 518 | 197 | 183 | 196 | 182 |
|  Niue | 542 | 84 | 1 | 80 | 0 |
| Nicaragua | 350 | - | - | - | - |
| Niger (Republic of the) | 656 | - | - | - | - |
| Nigeria (Federal Republic of) | 657 | - | - | - | - |
| North Macedonia (Republic of) | 274 | 2 | 0 | 2 | 0 |
| Norway | 257258259 | 30 41510 400522 | 580513518 | 28 87410 6162 371 | 737490473 |
| Oman (Sultanate of) | 461 | 165 | 4 | 167 | 3 |
| Pakistan (Islamic Republic of) | 463 | 13 | 0 | 13 | 0 |
| Palau (Republic of) | 511 | 6 | 0 | 6 | 0 |
| Panama (Republic of) | 351352353354355356357370371372373374 | 947922938856802827820835812788680724 | 947922938856802827820835812787680724 | 9421 139915866844830848842823815700742 | 942921915866844830848842823814700742 |
| Papua New Guinea | 553 | 500 | 0 | 500 | 0 |
| Paraguay (Republic of) | 755 | - | - | - | - |
| Peru | 760 | - | - | - | - |
| Philippines (Republic of the) | 548 | 431 | 268 | 991 | 290 |
| Poland (Republic of) | 261 | 885 | 161 | 6 714 | 118 |
| Portugal | 263 | 80 | 47 | 86 | 50 |
|  Azores | 204 | 41 | 40 | 47 | 45 |
|  Madeira | 255 | 504 | 22 | 491 | 22 |
| Qatar (State of) | 466 | 68 | 66 | 66 | 64 |
| Republic of Türkiye | 271 | 9 925 | 18 | 13 709 | 19 |
| Romania | 264 | 84 | 0 | 128 | 0 |
| Russian Federation | 273 | 12 479 | 265 | 15 246 | 264 |
| Rwanda (Republic of) | 661 | - | - | - | - |
| Saint Kitts and Nevis (Federation of) | 341 | 449 | 449 | 444 | 444 |
| Saint Lucia | 343 | - | - | 2 | - |
| Saint Vincent and the Grenadines | 375376377 | 236289225 | 236281224 | 235274203 | 235266201 |
| Samoa (Independent State of) | 561 | - | - | - | - |
| San Marino (Republic of) | 268 | - | - | 153 | 8 |
| Sao Tome and Principe (Democratic Republic of) | 668 | 4 | 4 | 4 | 4 |
| Saudi Arabia (Kingdom of) | 403 | 162 | 136 | 161 | 135 |
| Senegal (Republic of) | 663 | 132 | 132 | 207 | 207 |
| Serbia (Republic of) | 279 | - | - | - | - |
| Seychelles (Republic of) | 664 | 12 | 10 | 12 | 10 |
| Sierra Leone | 667 | 486 | 166 | 482 | 163 |
| Singapore (Republic of) | 563564565566 | 735728639734 | 669728639734 | 3 252407457572 | 401407455572 |
| Slovak Republic | 267 | 2 | 2 | 315 | 24 |
| Slovenia (Republic of) | 278 | 885 | 858 | 1 343 | 838 |
| Solomon Islands | 557 | - | - | - | - |
| Somalia (Federal Republic of) | 666 | - | - | 4 | 0 |
| South Africa (Republic of) | 601 | 84 | 74 | 84 | 74 |
| South Sudan (Republic of) | 638 | - | - | - | - |
| Spain | 224225 | 1 152137 | 55385 | 1 104150 | 54577 |
| Sri Lanka (Democratic Socialist Republic of) | 417 | 45 | 0 | 45 | 0 |
| Sudan (Republic of the) | 662 | - | - | - | - |
| Suriname (Republic of) | 765 | - | - | - | - |
| Sweden | 265266 | 1 201161 | 124161 | 1 164132 | 109132 |
| Switzerland (Confederation of) | 269 | 1 543 | 414 | 1 740 | 327 |
| Syrian Arab Republic | 468 | 14 | 14 | 14 | 14 |
| Tajikistan (Republic of) | 472 | - | - | - | - |
| Tanzania (United Republic of) | 674677 | 148 | 06 | 7215 | 021 |
| Thailand | 567 | 100 | 59 | 799 | 100 |
| Timor-Leste (Democratic Republic of) | 550 | - | - | 1 | 0 |
| Togolese Republic | 671 | 640 | 519 | 564 | 400 |
| Tonga (Kingdom of) | 570 | 5 | 5 | 5 | 5 |
| Trinidad and Tobago | 362 | 72 | 72 | 101 | 101 |
| Tunisia | 672 | 239 | 227 | 1 274 | 906 |
| Turkmenistan | 434 | 3 | 1 | 3 | 1 |
| Tuvalu | 572 | 531 | 298 | 595 | 297 |
| Uganda (Republic of) | 675 | - | - | - | - |
| Ukraine | 272 | 789 | 265 | 791 | 267 |
| United Arab Emirates | 470471 | 907111 | 907111 | 957199 | 956199 |
| United Kingdom of Great Britain and Northern Ireland | 232233234235 | 17 36319030979 086 | 435190227409 | 37 78618028374 809 | 408180204390 |
|  Anguilla | 301 | - | - | - | - |
|  Ascension Island | 608 | - | - | - | - |
|  Bermuda | 310 | 60 | 60 | 158 | 158 |
|  British Virgin Islands | 378 | 1 842 | 298 | 2 369 | 305 |
|  Cayman Islands | 319 | 1 715 | 679 | 2 369 | 673 |
|  Falkland Islands (Malvinas) | 740 | - | - | 23 | 23 |
|  Gibraltar | 236 | 763 | 216 | 610 | 123 |
|  Montserrat | 348 | - | - | - | - |
|  Pitcairn Island | 555 | - | - | - | - |
|  Saint Helena | 665 | - | - | - | - |
|  Turks and Caicos Islands | 364 | - | - | - | - |
| United States of America | 303338366367368369 | 4374329 30136 0329 687355 | 43734321534634355 | 2425783 60030 03726 682393 | 240576296366352393 |
|  Alaska (State of) | 303 | 276 | 268 | 188 | 184 |
|  American Samoa | 559 | - | - | - | - |
| Northern Mariana Islands (Commonwealth of the) | 536 | - | - | - | - |
|  Puerto Rico | 358 | - | - | - | - |
|  United States Virgin Islands | 379 | - | - | - | - |
| Uruguay (Eastern Republic of) | 770 | 210 | 0 | 210 | 0 |
| Uzbekistan (Republic of) | 437 | - | - | - | - |
| Vanuatu (Republic of) | 576577 | 386253 | 386253 | 278320 | 277320 |
| Vatican City State | 208 | - | - | - | - |
| Venezuela (Bolivarian Republic of) | 775 | - | - | - | - |
| Viet Nam (Socialist Republic of) | 574 | 1 907 | 811 | 701 | 286 |
| Yemen (Republic of) | 473475 | -- | -- | -- | -- |
| Zambia (Republic of) | 678 | - | - | - | - |
| Zimbabwe (Republic of) | 679 | - | - | - | - |
| State of Palestine (in accordance with Resolution 99 Rev. Dubai, 2018) | 443 | - | - | - | - |
| **Total:** | **292** | **638 246** | **55 595** | **723 998** | **54 144** |

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