## NMEA 0183 Talker Identifier Mnemonics

## March 3, 2019

| TALKER DEVICE   | IDENTIFIER        |
|---|-------------------|
| Independent AIS Base Station  | AB                |
| Dependent AIS Base Station  | AD                |
| HEADING TRACK CONTROLLER (Autopilot):   |                   |
| General   | AG                |
| Magnetic  | AP                |
| Mobile Class A or B AIS Station   | AI                |
| AIS Aids to Navigation Station  | AN                |
| AIS Receiving Station   | AR                |
| AIS Station (ITU_R M1371, ("Limited Base Station")  | AS                |
| AIS Transmitting Station  | AT                |
| AIS Simplex Repeater Station  | AX                |
| Bilge Systems   | BI                |
| Bridge Navigational Watch Alarm System  | BN                |
| Central Alarm Management  | CA                |
| COMMUNICATIONS:   | GD.               |
| Digital Selective Calling (DSC)   | CD                |
| Data Receiver  Satellite  | CR<br>CS          |
|   | CT                |
| Radio-Telephone (MF/HF)   |                   |
| Radio-Telephone (VHF)   | CV                |
| Scanning Receiver   | CX                |
| Direction Finder  | DF                |
| Duplex Repeater Station   | DU                |
| Dynamic Position  | DP                |
| Electronic Chart System (ECS)   | EC                |
| Electronic Chart Display & Information System (ECDIS)   | EI                |
| Emergency Position Indicating Beacon (EPIRB)  | EP                |
| Engine Room Monitoring Systems  | ER                |
| Fire Door Controller/Monitoring Point   | FD                |
| Fire Extinguisher System  | FE                |
| Fire Detection Point  | FR                |
| Fire Sprinkler System   | FS                |
| NAVIGATION SATELLITE SYSTEM RECIEVERS   | 15                |
|   | GA                |
| Galileo Positioning System  | GB                |
| BDS (BeiDou System)   |                   |
| NavIC (IRNSS)   | GI                |
| GLONASS Receiver  | GL                |
| Global Navigation Satellite System (GNSS)   | GN                |
| Global Positioning System (GPS)   | GP                |
| QZSS  | GQ                |
| <b>Note:</b> The "GN" Talker Identifier shall be used when the data in the sentence is produced from a combina atellite systems. Individual satellite system Talker Identifiers are only used when the data in the sentence |                   |
| menne systems. Individual satemite system i aixel fucilimets are only used when the udia in the semence   | o produced from a |
| HEADING SENSORS:  |                   |

| Cym, North Secking   | Compass, Magnetic  | НС  |
|--|--|-----|
| Flusquite  |  |     |
| Gyrs, Non-North Secking  |  |     |
| Hull Door Controller/Monitoring Panel Hull Stress Monitoring Hull Stress Monitoring Hull Integrated Intrograted in |  |     |
| Hull Stress Monitoring Integrated Instrumentation Integrated Integrated Instrumentation Integrated Integrat |  |     |
| Integrated Instrumentation II I Integrated Navigation IN AUTOMATON:  Alarm and Monitoring System (reserved for future use) JA AUTOMATON:  Alarm and Monitoring System (reserved for future use) JB Power Management System (reserved for future use) JB Power Management System (reserved for future use) JC Power Management System (reserved for future use) JC Populsion Control System (reserved for future use) JD Engine Control Console (reserved for future use) JD Engine Control Console (reserved for future use) JF Populsion Boiler (reserved for future use) JF Populsion Foiler (reserved for future use) Populsion Foiler (reserved for future use) Populsion Foiler |  |     |
| Integrated Navigation IN AUTOMATION:  AITOMATION:  ARecfer Monitoring System (reserved for future use)  Alarm and Monitoring System (reserved for future use)  ARecfer Monitoring System (reserved for future use)  Power Management System (reserved for future use)  Begine Control Console (reserved for future use)  Engine Control Console (reserved for future use)  Propulsion Boiler (reserved for future use)  Auxiliary Boiler (reserved for future use)  From Auxiliary Boiler (reserved for future use)  Auxiliary Boiler (reserved for future use)  Flag Electronic Governor System (reserved for future use)  JII  Loran C  LC  Multiplexer  MX  Navigation Light Controller  NIL  Navigation Light Controller  NIV  Proprietary Code  P  Radar and Ror Ander Plotting  Record Book (reserved for future use)  RB  Propulsion Machinery Including Remote Control  Rader Angle Indicator (reserved for future use)  Physical Shore AlS Station  SA  Steering Control System (reserved for future use)  Scering Control System Device (reserved for future use)  Scering Control System Device (reserved for future use)  Track Control System (reserved for future use)  AC Control System (reserved for future use)  Track Control System (reserved for future use)  AC Secring Control System (reserved for future use)  Track Control System (reserved for future use)  AC Secring Control System (reserved for future use)  Track Control System (reserved for future use)  AC Secring Control System (reserved for future use)  Track Control System (reserved for future use)  AC Secring Control System (rese | -  |     |
| ALTOMATION:  Alarm and Monitoring System (reserved for future use)  Alarm and Monitoring System (reserved for future use)  Power Management System (reserved for future use)  JC  Propulsion Control System (reserved for future use)  Engine Control Console (reserved for future use)  Figure Control Console (reserved for future use)  Propulsion Boiler (reserved for future use)  JF  Auxiliary Boiler (reserved for future use)  JG  Electronic Governor System (reserved for future use)  JG  Electronic Governor System (reserved for future use)  JH  Loran C  LC  MX  Navigation Light Controller  NK  Record Book (reserved for future use)  RA  Record Book (reserved for future use)  RB  Propulsion Machinery Including Remote Control  RC  Rudder Angle Indicator (reserved for future use)  RI  Physical Shore Als Station  SA  Steering Control System/Device (reserved for future use)  SC  Sounder, depth  SD  SC  Sounder, depth  SD  SC  Sounder, scanning  SS  Track Control System (reserved for future use)  TT  MRI Relationary  NV  VD  Speed Log, Water, Magnetic  VD  Speed Log, Water, Magnetic  VD  Speed Log, Water, Magnetic  ASM  VA  Satellite  YS  ASM  VA  Satellite  YS  Terestrial  VV  Vyage Data Recorder  Water light Dorntouler/Monitoring Panel  Weater instruments  | ~  |     |
| Alarm and Monitoring System (reserved for future use)  Recfer Monitoring System (reserved for future use)  Power Management System (reserved for future use)  JC  Propulsion Control System (reserved for future use)  JE  Engine Control Console (reserved for future use)  JE  Propulsion Boiler (reserved for future use)  JE  Auxiliary Boiler (reserved for future use)  JG  Electronic Governor System (reserved for future use)  Loran C  LC  Multiplexer  MX  Navigation Light Controller  Nt.  Nty  Proprietary Code  P  Radar andor Radar Plotting  Record Book (reserved for future use)  RB  Propulsion Machinery Including Remote Control  Rudder Angle Indicator (reserved for future use)  RB  Physical Shore Als Station  SC  Sterring Control System (reserved for future use)  Sterring Gentrol System (reserved for future use)  Sterring Control System (reserved for future use)  Sterring Gentrol System (reserved for future use)  NU  Microprocessor Controller  Up  Microprocessor Controller  Doppler, other/general  VD  Speed Log, Water, Magnetic  VM  Speed Log, Water, Magnetic  VM  Speed Log, Water, Magnetic  VM  VA  Satellite  VS  Terestrial  VVI  Voyage Data Recorder  Wateringht Door Controller/Monitoring Panel  Weather Instruments   |  |     |
| Reefer Monitoring System (reserved for future use)   |  | JA  |
| Power Management System (reserved for future use)  Propulsion Control System (reserved for future use)  Engine Control Cossole (reserved for future use)  Propulsion Boiler (reserved for future use)  Auxiliary Boiler (reserved for future use)  Electronic Governor System (reserved for future use)  JG  Electronic Governor System (reserved for future use)  Loran C  LC  Multiplexer  MX  Navigation Light Controller  Nt.  Night Vision  NV  Poportienty Code  P  Radar and/or Radar Plotting  RA  Record Book (reserved for future use)  RB  Propulsion Machinery Including Remote Control  RC  Rudder Angle Indicator (reserved for future use)  RI  Rybysical Shore AIS Station  SA  Steering Control System/Device (reserved for future use)  Scering Control System/Device (reserved for future use)  Scering Gear/Steering Engine  Electronic Positioning System, other/general  SN  Sounder, depth  SD  Steering Gear/Steering Engine  Flectronic Positioning System, other/general  SN  Sounder Seanning  SS  Track Control System (reserved for future use)  TC  Turn Rate Indicator  Til  Microprocessor Controller  UP  Microprocessor Controller  UP  Microprocessor Controller  Doppler, other/general  Speed Log, Water, Magnetic  VM  Speed Log, Water Mechanical  VVA  Speed Log, Water Mechanical  VVA  Speed Log, Water Mechanical  VVA  Speed Log, Water Mechanical  VIA  Satelline  VS  Terestrial  VA  VA  Satelline  VS  Waterlight Door Controller/Monitoring Panel  Weden Instruments  |  | JB  |
| Propulsion Control System (reserved for future use)  |  |     |
| Engine Control Console (reserved for future use)   |  |     |
| Propulsion Boiler (reserved for future use)  |  |     |
| Auxiliary Boiler (reserved for future use)   |  | JF  |
| Electronic Governor System (reserved for future use)   | •  | JG  |
| Loran C  Multiplexer  Multiplexer  Multiplexer  NL  Navigation Light Controller  NL  Night Vision  NV  Proprietary Code  Proprietary Code  Radar and/or Radar Plotting  Radar and/or Radar Plotting  RA  Record Book (reserved for future use)  RB  Propulsion Machinery Including Remote Control  RC  Rudder Angle Indicator (reserved for future use)  RI  Physical Shore AIS Station  SA  Steering Control System/Device (reserved for future use)  SC  Sounder, depth  SD  Steering Gear/Steering Engine  SG  Electronic Positioning System, other/general  SN  Sounder, scanning  SS  Track Control System (reserved for future use)  TC  Turn Rate Indicator  TI  Microprocessor Controller  Up  Microprocessor Controller  Up  Microprocessor Controller  Doppler, other/general  VD  Speed Log, Water, Magnetic  VM  Speed Log, Water Mechanical  VVI  Speed Log, Water Mechanical  VVI  VAS  Satellite  VS  Terrestrial  VT  Voyage Data Recorder  VR  Watertight Door Controller/Monitoring Panel  Well  Water Instruments   |  |     |
| Multiplexer         MX           Navigation Light Controller         NL           Night Vision         NV           Proprietary Code         P           Radar and/or Radar Plotting         RA           Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gean/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         Up           M≤ A) User confinued talker identifier         Up           VELOCITY SENSORS:         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water Mechanical         VV           VH DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terres   |  |     |
| Navigation Light Controller         NL           Night Vision         NV           Proprietary Code         P           Radar and/or Radar Plotting         RA           Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, searning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         Up           (A ≤ 4 ≤ 0). Ulcer confinance talker identifier 1         Up           VELOCITY SENSORS:         VA           Speed Log, Water, Magnetic         VM           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           W   |  | MX  |
| Night Vision         NV           Proprietary Code         P           Radar and/or Radar Plotting         RA           Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Trum Rate Indicator         TI           Microprocessor, Controller         UP           McCoptrol System (reserved for future use)         UP           McCoptrol System (reserved for future use)         TI           Microprocessor, Controller         UP           McCoptrol System (reserved for future use)         TU           VELOCITY SENSORS:         UP           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           VF DATA EXCHANGE SYSTEM (VDES)         VA           ASM  | •  |     |
| Proprietary Code         P           Radar and/or Radar Plotting         RA           Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         UP           M ≤ M ≤ N Lear configurated talker identifier         UP           VELOCITY SENSORS:         UP           Doppler, other/general         VD           Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD   |  | NV  |
| Radar and/or Radar Plotting         RA           Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         UP           O = M = 90 User confinanced talker identifier         UP           VELOCITY SENSORS:         UP           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WI  | -  | P   |
| Record Book (reserved for future use)         RB           Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         UP           Mc≠ ≤ Qi Llear confinanced talker identifier.         UP           VELOCITY SENSORS:         TItil           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           VF Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WI   |  | RA  |
| Propulsion Machinery Including Remote Control         RC           Rudder Angle Indicator (reserved for future use)         R1           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         UP           O = # < 0   Heer configured talker identifier   | •  | RB  |
| Rudder Angle Indicator (reserved for future use)         RI           Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         TI           Microprocessor Controller         UP           Ol-Liest configured talker identifier.         UP           Oppler, other/general         VD           VELOCITY SENSORS:         VM           Speed Log, Water, Magnetic         VM           VP         VM           Speed Log, Water Mechanical         VW           VFF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WD  |  | RC  |
| Physical Shore AIS Station         SA           Steering Control System/Device (reserved for future use)         SC           Sounder, depth         SD           Steering Gear/Steering Engine         SG           Electronic Positioning System, other/general         SN           Sounder, scanning         SS           Track Control System (reserved for future use)         TC           Turn Rate Indicator         II           Microprocessor Controller         UP           Microprocessor Controller         UP           VELOCITY SENSORS:         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water, Magnetic         VM           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WD  |  | RI  |
| SC   Sounder, depth  |  | SA  |
| Steering Gear/Steering Engine  | Steering Control System/Device (reserved for future use) | SC  |
| Electronic Positioning System, other/general SN  Sounder, scanning SS  Track Control System (reserved for future use) TC  Turn Rate Indicator TI  Microprocessor Controller UP  (1) ≤ 4 ≤ 0) User configured talker identifier VELOCITY SENSORS:  Doppler, other/general VD  Speed Log, Water, Magnetic VM  Speed Log, Water Mechanical VW  VHF DATA EXCHANGE SYSTEM (VDES)  ASM VA  Satellite VS  Terrestrial VT  Voyage Data Recorder VR  Watertight Door Controller/Monitoring Panel WD  Weather Instruments WII  WIII  SS  SS  TC  TC  TI  Hit 1  Liti 1   |  | SD  |
| Sounder, scanning  | Steering Gear/Steering Engine                            | SG  |
| Track Control System (reserved for future use)  Track Control System (reserved for future use)  TI  Microprocessor Controller  UP  (1) ≤ 4 ≤ 9) User configured talker identifier  VELOCITY SENSORS:  Doppler, other/general  VD  Speed Log, Water, Magnetic  VM  Speed Log, Water Mechanical  VW  VHF DATA EXCHANGE SYSTEM (VDES)  ASM  ASM  VA  Satellite  VS  Terrestrial  VT  Voyage Data Recorder  VR  Watertight Door Controller/Monitoring Panel  Weather Instruments  WI  TC  TI  TI  TI  TI  TI  TI  TI  TI  T  | Electronic Positioning System, other/general             | SN  |
| Turn Rate Indicator         TI           Microprocessor Controller         UP           (0 ≤ ± < 0) User configured talker identifier.   | Sounder, scanning  | SS  |
| Microprocessor Controller         UP           (0 ≤ # ≤ 9) User configured talker identifier         1           VELOCITY SENSORS:         VD           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WI   | Track Control System (reserved for future use)           | TC  |
| VELOCITY SENSORS:  Doppler, other/general VD Speed Log, Water, Magnetic VW VHF DATA EXCHANGE SYSTEM (VDES)  ASM ASM VA Satellite VS Terrestrial VT Voyage Data Recorder VR Watertight Door Controller/Monitoring Panel Weather Instruments VD  UI# 1  II# 1  II# 1  II# 1  II# 1  VD  VM  VM  VM  VM  VM  VM  VM  VM  VM   | Turn Rate Indicator                                      | TI  |
| VELOCITY SENSORS:           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WI   | Microprocessor Controller                                | UP  |
| VELOCITY SENSORS:           Doppler, other/general         VD           Speed Log, Water, Magnetic         VM           Speed Log, Water Mechanical         VW           VHF DATA EXCHANGE SYSTEM (VDES)         VA           ASM         VA           Satellite         VS           Terrestrial         VT           Voyage Data Recorder         VR           Watertight Door Controller/Monitoring Panel         WD           Weather Instruments         WI   | (0 < # < 0) Hear configured talker identifier            | 1 1 |
| Speed Log, Water, Magnetic   |  |     |
| Speed Log, Water Mechanical   VW   | Doppler, other/general                                   | VD  |
| VHF DATA EXCHANGE SYSTEM (VDES)  ASM VA Satellite VS Terrestrial VT Voyage Data Recorder VR Watertight Door Controller/Monitoring Panel Weather Instruments WI   | Speed Log, Water, Magnetic                               | VM  |
| ASM VA Satellite VS Terrestrial VT  Voyage Data Recorder VR Watertight Door Controller/Monitoring Panel WD  Weather Instruments WI   | Speed Log, Water Mechanical                              | VW  |
| Satellite VS Terrestrial VT  Voyage Data Recorder VR Watertight Door Controller/Monitoring Panel WD  Weather Instruments WI  | VHF DATA EXCHANGE SYSTEM (VDES)                          |     |
| Terrestrial VT  Voyage Data Recorder VR  Watertight Door Controller/Monitoring Panel WD  Weather Instruments WI  | ASM  | VA  |
| Voyage Data Recorder VR Watertight Door Controller/Monitoring Panel WD Weather Instruments WI  | Satellite  | VS  |
| Watertight Door Controller/Monitoring Panel  Weather Instruments  WI   | Terrestrial  | VT  |
| Weather Instruments WI   | Voyage Data Recorder                                     | VR  |
|  | Watertight Door Controller/Monitoring Panel              | WD  |
| Water Level Detection Systems WL   | Weather Instruments                                      | WI  |
|  | Water Level Detection Systems                            | WL  |

| Transducer              | YX |
|-------------------------|----|
| TIMEKEEPERS, TIME/DATE: |    |
| Atomics Clock           | ZA |
| Chronometer             | ZC |
| Quartz                  | ZQ |
| Radio Update            | ZV |