# List of GTS bulletin headers for buoy data

*Table 1: Data distributed from the US Argos Global Processing Centre, Largo, USA*

| Bulletin header (BUOY) | Bulletin header (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX02 KARS | IOZX02 KARS | GDP | New |
| SSVX04 KARS | IOZX04 KARS | North Atlantic and EGOS | Same |
| SSVX06 KARS | IOZX06 KARS | Northern Hemisphere | Same |
| SSVX08 KARS | IOZX08 KARS | TAO, PIRATA | Was SSVX40 for TAO |
| SSVX10 KARS | IOZX10 KARS | Southern Hemisphere and ISABP | Same |
| SSVX12 KARS | IOZX12 KARS | Arctic, Antarctic, sea ice | Arctic, Antarctic merged |
| SSVX14 KARS | IOZX14 KARS | Indian Ocean and IBPIO | New |
| SSVX16 KARS | IOZX16 KARS | Navoceano | Same |
| SSVX18 KARS | IOZX18 KARS | Pacific Ocean | New |
| SSVX20 KARS | IOZX20 KARS | Navoceano | Same |
| SSVX22 KARS | IOZX22 KARS | Mediterranean sea | New |
| SSVX42 KARS | IOZX42 KARS | NOAA/NDBC, Southern Hemisphere | Was SSVX02 |
| SSVX44 KARS | IOZX44 KARS | NE Pacific Ocean (USA, and Canada) | Was SSVX18 |
| SSVX48 KARS | IOZX48 KARS | NOAA/NDBC, Northern Hemisphere | Was SSVX08 |
| SSVX96 KARS | IOZX96 KARS | NDBC | Same |

*Table 2: Data distributed from the French Argos Global Processing Centre, Toulouse, France*

| Bulletin header (BUOY) | Bulletin header (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 LFVW | IOZX01 LFVW | North Atlantic and EGOS | Same |
| SSVX03 LFVW | IOZX03 LFVW | Southern Hemisphere and ISABP | Same |
| SSVX05 LFVW | IOZX05 LFVW | Northern Hemisphere | Same |

| | | | |
|---|---|---|---|
| SSVX07 LFVW | IOZX07 LFVW | Arctic, Antarctic, and sea ice | Arctic, Antarctic merged |
| SSVX09 LFVW | IOZX09 LFVW | Indian Ocean and IBPIO | New |
| SSVX11 LFVW | IOZX11 LFVW | TRITON | New |
| SSVX13 LFVW | IOZX13 LFVW | GDP | New |
| SSVX15 LFVW | IOZX15 LFVW | Pacific | New |
| SSVX21 LFVW | IOZX21 LFVW | Mediterranean Sea | New |
| SSVX39 LFVW | IOZX39 LFVW | French West Indies | Was SSVX19 |

**Backup procedure in case one of the two Argos global processing centres fails** (Tables 1 and 2 only): If one centre fails, the other centre processes all the data, i.e. the data it normally processed plus the data the other centre normally processes. Hence, when an Argos centre is in backup mode, it will generate bulletins with even and odd numbers (in normal mode, only even numbers are used by Largo, and odd numbers by Toulouse). In other words:

- In case the French Argos Global Processing Center in Toulouse fails, the US Argos Processing Center in Largo is switched to backup mode. In that case, GTS bulletins normally distributed from Toulouse under TTAAii LFVW bulletin headers are distributed from Largo under TTAAii KARS bulletin headers (e.g. SSVX01 LFVW becomes SSVX01 KARS and is sent out from Largo).

- In case the US Argos Global Processing Center in Largo fails, the French Argos Processing Center in Toulouse is switched to backup mode. In that case, GTS bulletins normally distributed from Largo under TTAAii KARS bulletin headers are distributed from Toulouse under TTAAii LFVW bulletin headers (e.g. SSVX04 KARS becomes SSVX04 LFVW and is sent out from Toulouse).

**Remark concerning GDP**: GDP drifters deployed world-wide may also participate in a DBCP regional action groups (e.g. ISABP if deployed in the South Atlantic). Nevertheless, reports from GDP Lagrangian drifters are normally included under the specific GDP bulletin headers as shown in tables 1 and 2.

*Table 3: Data routed from the National Data Buoy Center (NDBC),Mississippi, USA, based on data received from Service Argos Inc. (SAI), Landover MD, USA*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SNVD01 KWBC | | NOAA/NDBC, Global | |
| SNVE01 KWBC | | NOAA/NDBC, Global | |
| SSVX42 KWBC | | NOAA/NDBC, Southern Hemisphere | Was SSVX02 KWBC |
| SSVX48 KWBC | | NOAA/NDBC, Northern Hemisphere | Was SSVX08 KWBC |

Table 4: Data routed from NOAA, Washington DC, USA, based on data received from Service Argos Inc. (SAI), Landover MD, USA and from NDBC

| Bulletin header (BUOY, SHIP & TESAC) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX12 KWBC | | Arctic Ocean | |
| SNVD01 KWNB | | Coastal USA | |

| | | | |
|---|---|---|---|
| SIVD15-SIVD18 KWNB<br>SNVD15-SNVD18 KWNB<br>SMVD15-SMVD18 KWNB<br>SOVD03 KWBC (TESAC)<br>SOVD06 KWBC (TESAC)<br>SOVD83 KWBC (TESAC)<br>SOVD83 KWNB (TESAC) | | | |

*Table 5a: Data routed from Edmonton Local User Terminal (LUT)*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX02 CWEG | | Arctic Ocean | |
| SSVX03 CWEG | | Hudson Bay | |
| SSVX04 CWEG | | NorthEast Pacific Ocean | |

*Table 5b: Data routed from Montreal*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX02 CWAO | | All Oceans | From Nova Scotia |
| | | | |
| | | | |

*Table 6: Data routed from Halifax Local User Terminal (LUT)*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SIVD17 CWHX | | NorthWest Atlantic Ocean | |
| SSVX01 CWHX | | NorthWest Atlantic Ocean | |
| SNVD17 CWHX | | NorthWest Atlantic Ocean | |

*Table 7: Data routed from the Centre de Meteorologie Marine, Brest*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX07 LFPW | | Arctic | |
| SSVX13 LFPW | IOBX13 LFVW | EGOS | |
| SSVX51 LFPW | | North Atlantic Ocean (Bodega-TOGA) | |

| | | | |
|---|---|---|---|
| SSVX55 LFPW | | Equatorial Pacific Ocean (Bodega-TOGA) | |
| SSVF50 LFPW | | Atlantic, Med | Wavebuoys |
| SSVD50 LFPW | | Atlantic | Wavebuoys |

*Table 8: Data routed from the Sondre Stromfjord Local User Terminal (LUT)*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 BGSF | | North Atlantic Ocean (EGOS) | |

*Table 9: Data routed from the Japan Meteorological Agency*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 RJTD | | Pacific Ocean (Japan, marine stations and buoys) | |
| SSVB01 - SSVB19 RJTD | | Pacific Ocean (Japan, marine stations and buoys) | |
| | IOBC01 RJTD | Pacific Ocean (Japan, marine stations and buoys) | |

*Table 10: Data routed from the India*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 DEMS | | Indian Ocean (India, North Indian Ocean) | |

*Table 11: Data routed from the Korean Meterological Administration*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SMVX01 RKSL SMVX25 RKSL | | North Pacific | |
| SNVX21 RKSL | | North Pacific | |
| SSWB41 RKSL SSWB19 RKSL | | North Pacific | |
| SSWX01 RKSL | | North Pacific | |

*Table 12: Data routed from Oslo, Norway*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 ENMI | | North Atlantic | |

*Table 13: Additional Bulletins sent from European Centres*

| Bulletin headers (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SMVB01 EGRR<br>SMVD01 EGRR<br>SMVD10 EHDB<br>SMVX25 EDZW<br>SMVX42 EDZW<br>SMVX43 EDZW<br>SMVX45 EDZW<br>SNVX21 EDZW<br>SSVF01 BIRK<br>SSVF11 LIIB | | Northern Atlantic and Arctic | |
| -<br>- | IOZX01 LEMM (Spain)<br>IOBD23 LIIB (Italy)<br>IOBD LGAT (Greece) | Mediterranean | |

*Table 14: Data routed from Southern Atlantic*

| Bulletin header (BUOY) | Bulletin headers (BUFR) | Deployment area | Remark |
|---|---|---|---|
| SSVX01 SBBR | | Brazil | |