



## 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 LFWW	IOZX01 LFWW	North Atlantic and EGOS	Same
SSVX03 LFWW	IOZX03 LFWW	Southern Hemisphere and ISABP	Same
SSVX05 LFWW	IOZX05 LFWW	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 SNVD15-SNVD18 KWNB SMVD15-SMVD18 KWNB SOVD03 KWBC (TESAC) SOVD06 KWBC (TESAC) SOVD83 KWBC (TESAC) SOVD83 KWNB (TESAC)			
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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 LFPW	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 Meteorological 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 SMVD01 EGRR SMVD10 EHDB SMVX25 EDZW SMVX42 EDZW SMVX43 EDZW SMVX45 EDZW SNVX21 EDZW SSVF01 BIRK SSVF11 LIIB		Northern Atlantic and Arctic	
- -	IOZX01 LEMM (Spain) IOBD23 LIIB (Italy) IOBD LGAT (Greece)	Mediterranean	

Table 14: Data routed from Southern Atlantic

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