

New BATHY reporting code form

A new form of the BATHY code has been approved and will come into effect on 3 May, 2000. Everyone encoding observations into BATHY and decoding observations from BATHY should make the necessary software changes in time to send and receive this code form.

The new form is a slight modification of the present form. The only change is in the code form identifier and in the way latitudes and longitude are reported. Below is shown the complete code form with the changes highlighted in bold.

SECTION 1	M_iM_iM_jM_j (i _u ddff)	YYMMJ (4S _n TTT)	GGgg/ (k ₅ D _c D _c V _c V _c)	Q_cL_aL_aL_aL_aL_a	L_oL_oL_oL_oL_oL_o
SECTION 2	8888k ₁ D....D)			
SECTION 4	or 99999	A ₁ b _w n _b n _b n _b n _b			

Changes

- L_aL_a Latitude in tenths, hundredths and thousandths of a degree, depending on the capability of the positioning system. When the position is in tenths of a degree, the latitude position group shall be encoded as Q_cL_aL_aL_aL_aL_a/. When the position is in hundredths of a degree, the latitude position group shall be encoded as Q_cL_aL_aL_aL_aL_a/.
- L_oL_o Longitude in tenths, hundredths and thousandths of a degree, depending on the capability of the positioning system. When the position is in tenths of a degree, the longitude position group shall be encoded as L_oL_oL_oL_oL_o/. When the position is in hundredths of a degree, the longitude position group shall be encoded as L_oL_oL_oL_oL_o/.
- M_iM_i Identification letters of the report. These remain JJ.
- M_jM_j Identification letters of the part of the report or the version of the code form. These becomes VV.

New TESAC reporting code form

A new form of the TESAC code has been approved and will come into effect on 3 May, 2000. Everyone encoding observations into TESAC and decoding observations from TESAC should make the necessary software changes in time to send and receive this code form.

The new form is a slight modification of the present form. There is a change in the code form identifier, in the way latitude and longitude is reported, and the addition of the instrument and recorder information now found in the current BATHY code form. Below is shown the complete code form with the changes highlighted in bold.

SECTION 1	M_iM_iM_jM_j (i _u ddff)	YYMMJ (4S _n TTT)	GGgg/ (k ₅ D _c D _c V _c V _c)	Q_cL_aL_aL_aL_aL_a	L_oL_oL_oL_oL_oL_o
SECTION 2	888k ₁ k ₂	I_xI_xI_xX_RX_R 2Z ₁ Z ₁ Z ₁ Z ₁ 2Z _n Z _n Z _n Z _n	2Z ₀ Z ₀ Z ₀ Z ₀ 3T ₁ T ₁ T ₁ T ₁ d _n C _n C _n C _n	3T ₀ T ₀ T ₀ T ₀ 4S ₁ S ₁ S ₁ S ₁	4S ₀ S ₀ S ₀ S ₀
SECTION 4	(55555 D....D	1Z _d Z _d Z _d Z _d)			
SECTION 5	or 99999	A ₁ b _w n _b n _b n _b n _b			

Changes:

- I_xI_xI_x Instrument type used to make the observations (See BATHY code form).
- L_aL_a Latitude in tenths, hundredths and thousandths of a degree, depending on the capability of the positioning system. When the position is in tenths of a degree, the latitude position group shall be encoded as

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- L_a $Q_cL_aL_aL_a//$. When the position is in hundredths of a degree, the latitude position group shall be encoded as $Q_cL_aL_aL_aL_a/$.
- L_oL_o Longitude in tenths, hundredths and thousandths of a degree, depending on the capability of the positioning system. When the position is in tenths of a degree, the longitude position group shall be encoded as $L_oL_oL_oL_o//$. When the position is in hundredths of a degree, the longitude position group shall be encoded as $L_oL_oL_oL_oL_o/$.
- M_iM_i Identification letters of the report. These remain KK.
- M_jM_j Identification letters of the part of the report or the version of the code form. These becomes YY.
- X_RX_R Recorder type (See BATHY code form).
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