

Spherical harmonic coefficients

Element	Contents	ecCodes keys
1	Data representation type (see WMO code table 6) = 50	gridType
2	J pentagonal resolution parameter.	pentagonalResolutionParameterJ
3	K pentagonal resolution parameter.	pentagonalResolutionParameterK
4	M pentagonal resolution parameter.	pentagonalResolutionParameterM
5	Representation type (see WMO code table 9)	representationType
6	Representation mode (see WMO code table 10): 1 Real part of (0,0) coefficient stored as a 32-bit floating point number; other coefficients are packed. 2 Complex packing.	representationMode
7-11	Reserved. Set to 0.	
12	Number of vertical coordinate parameters.	NV
13	Latitude of the southern pole of rotation.	latitudeOfSouthernPoleInDegrees*1000
14	Longitude of the southern pole of rotation.	longitudeOfSouthernPoleInDegrees*1000
15	Latitude of the pole of stretching.	latitudeOfPoleOfStretchingInDegrees*1000
16	Longitude of the pole of stretching.	longitudeOfPoleOfStretchingInDegrees*1000
17-22	Reserved. Set to 0.	