The buoy calculates internally the wave spectrum, every 60 minutes.

For each frequency, there are a value for energy (hspec, m2/Hz), Mean Direction (Dspec, °) and Directional Spread (sprspec, °). Hspec is the Heave spectrum S( f ) averaged in frequency according to the Freq. resolution.

Frequency resolution: 0.01 Hz;

Frequency range: 0.01 - 0.5Hz;

Files format:

Date (day, month, year, hour, minute, second), dspec (50freq), hspec (50freq), sprspec (50freq).

There are some missing records, identified below, regarding Monican01:

17.11.2014 22:00:00

18.11.2014 07:00:00

11.07.2015 08:00:00

11.07.2015 19:00:00

14.07.2015 00:00:00

17.07.2015 19:00:00

22.07.2015 13:00:00

31.07.2015 01:00:00

09.08.2015 08:00:00

29.08.2015 16:00:00

01.09.2015 15:00:00

07.09.2015 12:00:00

10.09.2015 23:00:00

14.09.2015 03:00:00

16.09.2015 22:00:00

19.09.2015 12:00:00

28.09.2015 02:00:00