# Assignment

Use Jupyter notebooks to investigate provided time series and present the vessel motion characteristics and possible correlations between the weather and the vessel motion.

Relevant time period: 2020-08-15 – 2020-09-04

The timeseries IDs and description is found in Table 1

Table 1: Time series description

|  |  |
| --- | --- |
| Label | Description |
| Hs | Hs total sea |
| Hss | Hs swell |
| Hsw | Hs wind waves |
| Tp | Tp total Sea |
| Tps | Tp swell |
| Tpw | Tp wind waves |
| DIRM | Wave direction total sea |
| DIRPs | Wave direction swell |
| DIRPw | Wave direction wind waves |
| Heave | Heave |
| Roll | Roll |
| Pitch | Pitch |