# protocol\_20250703\_A3\_17\_IR

**Campaign**: M211

**Device**: S1-111 Infrared Radiometer

**Serial number**: 12719 (Water), 12720 (Sky)

**Data logger:** MicroCache

**Serial number:** 4010 (Water), 4009 (Sky)

**Day**: 02/07/2025 -03/07/2025

**Station ID**: A3

**Deployment location ID (17 for Halobates):** 17

**Person writing the protocol: Mai-Britt**

### Sensor settings

|  |  |  |
| --- | --- | --- |
|  | **Water** | **Sky** |
| **Angle from Nadir (Water)/ Zenit (Sky)** | 40° | 40° |
| **Logging interval** | 1s | 1s |
| **Sampling interval** | 1s | 1s |
| **Calibration checked** | N | N |
| **Recalibration needed** | N | N |

### Data acquisition

For multiple acquisitions (e.g. morning and afternoon), copy paste the following table, so that we have one table per continuous acquisition time.

|  |  |  |
| --- | --- | --- |
|  | **Water** | **Sky** |
| **Start time (UTC)** | 07:14 | 07:14 |
| **Halobates in the water (UTC)** | 07:35 AM 02/07/2025 | |
| **Halobates bridge up (UTC)** |  | |
| **Halobates bridge down (UTC)** |  | |
| **Halobates out of water (UTC)** | 8:35 AM 03/07/2025 | |
| **End time (UTC)** |  |  |

|  |  |  |
| --- | --- | --- |
|  | **Water** | **Sky** |
| **Battery left** | 100 | 100 |

### Data saving

|  |  |  |
| --- | --- | --- |
|  | **Water** | **Sky** |
| **Data file name\*** | **20250702\_A3\_17\_IR\_Water** | **20250702\_A3\_17\_IR\_Sky** |
| **Data exported** | Y | Y |
| **Email sent** | Y | Y |
| **Data deleted from logger** | Y | Y |

**\*** The data file name should have the following format: YYYYMMDD\_stationID\_actionnumber\_IR\_Water (or \_Sky)

### Notes/Observations

**Wave height: 0.2-0.6**

**Sky condition: low stratiform clouds in the morning and evening, clear sky in the afternoon of the 02.07. Clear night. Low clouds and slight rain in the morning of 03.07.2025.**

**Sampling times from Halobates (UTC):**

**Comments:**