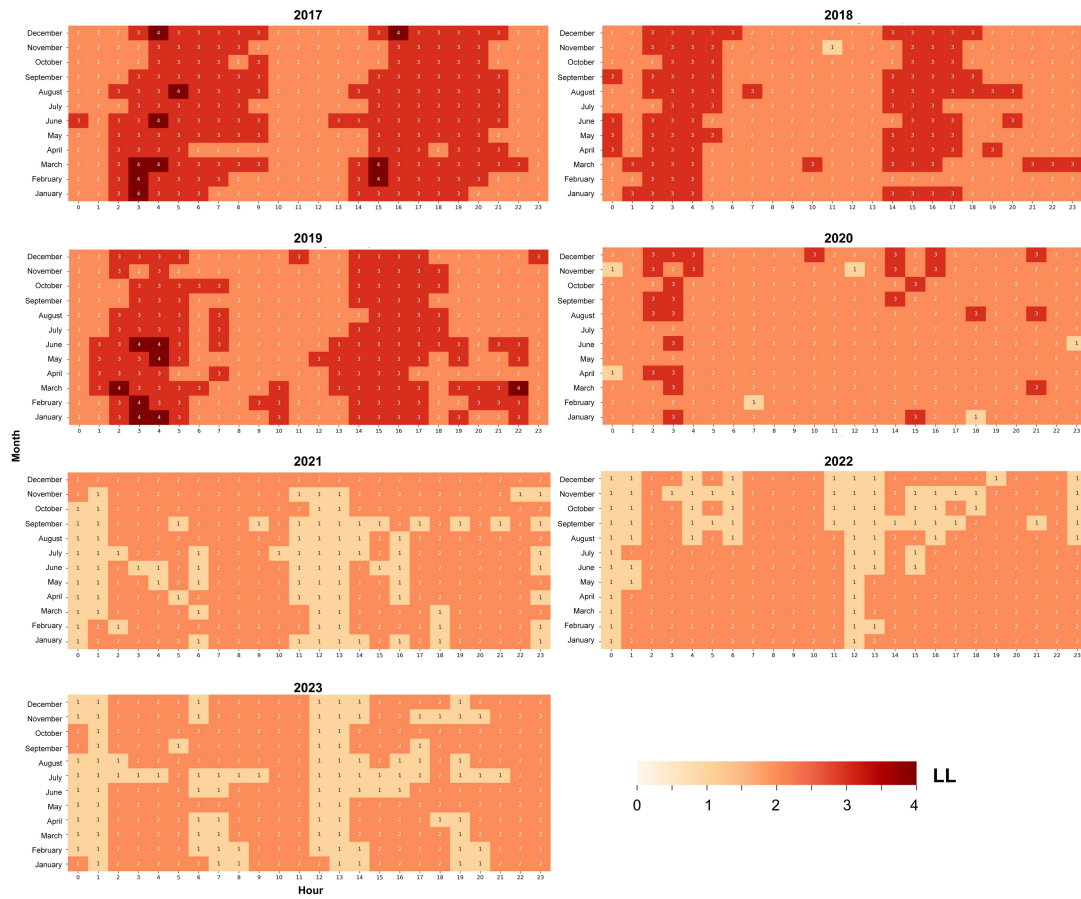
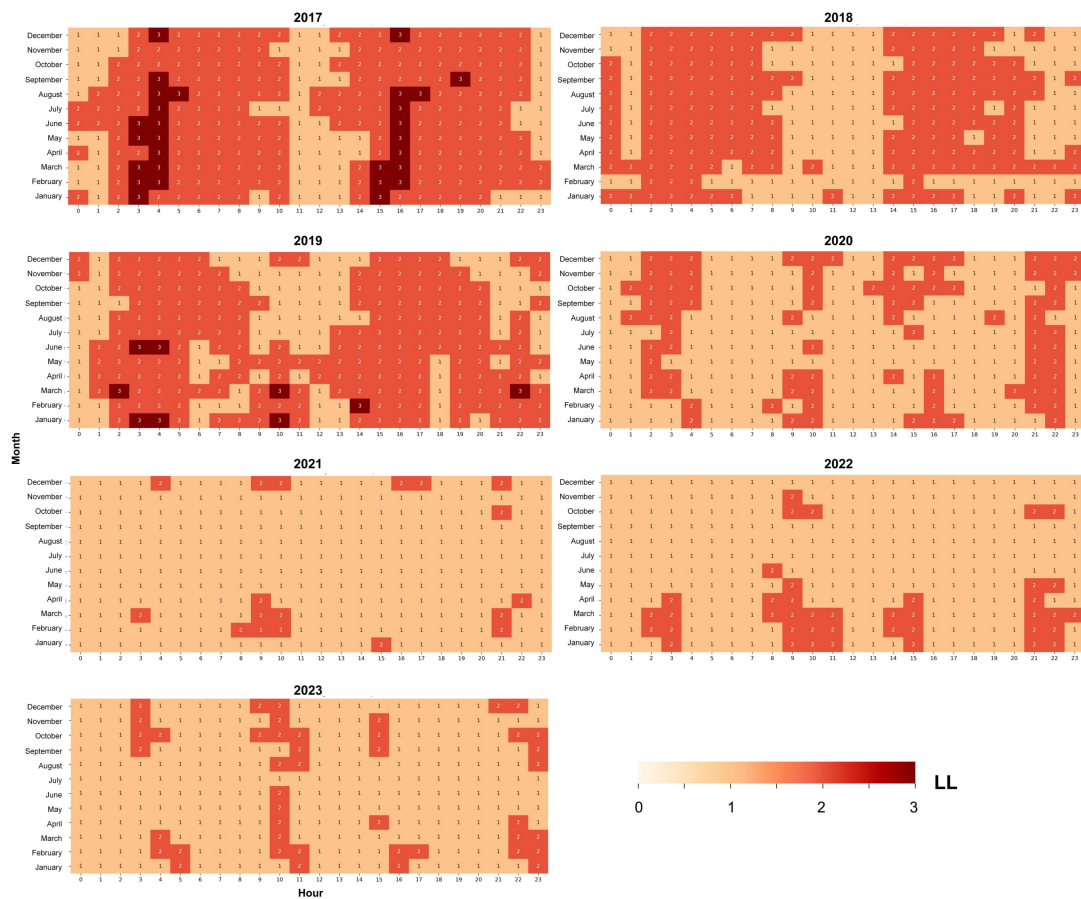
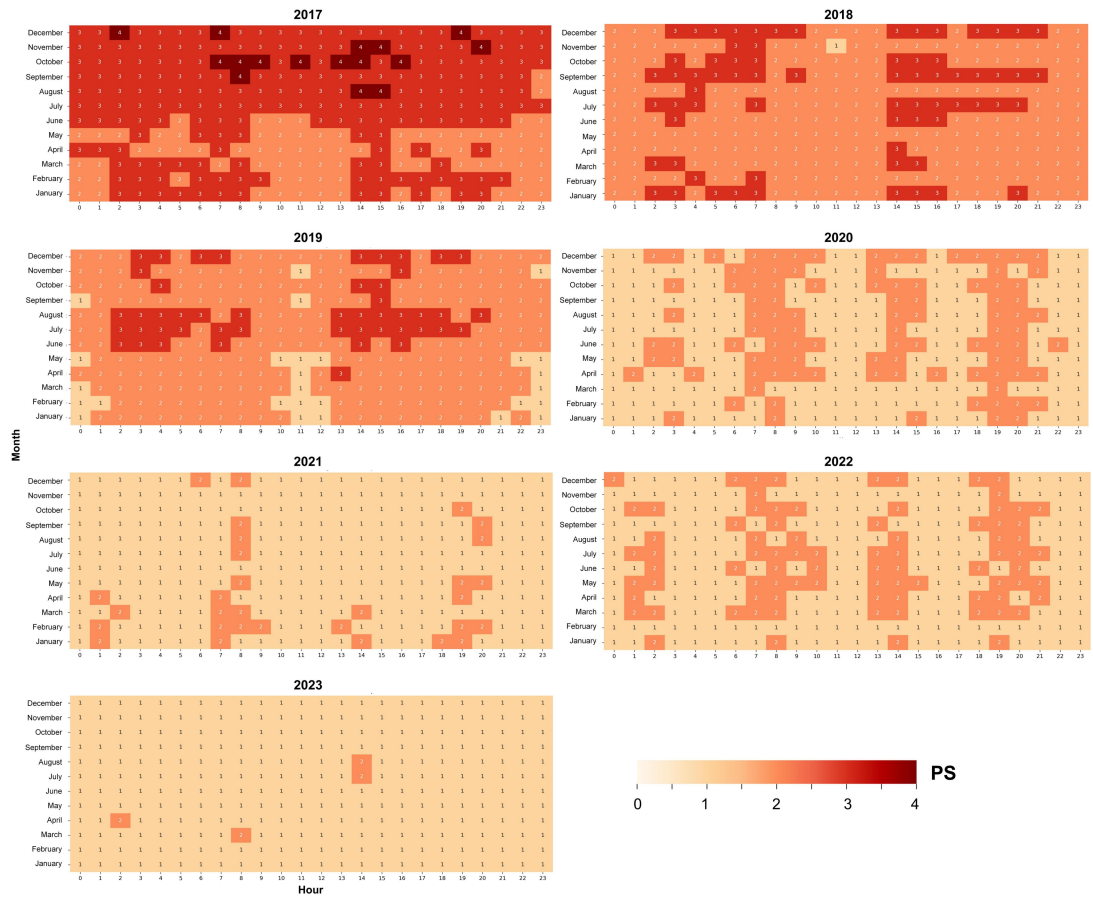




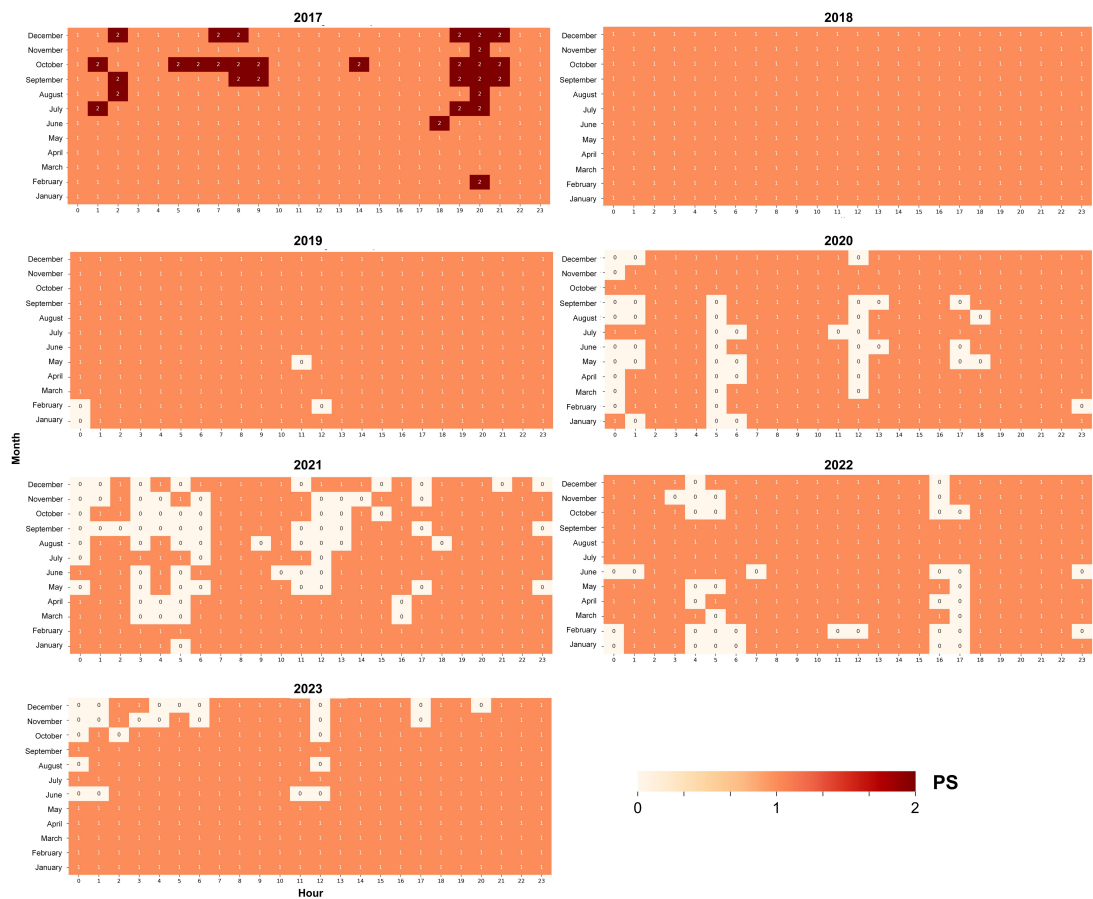
Supplementary figure 1. Heat maps of the average number of AIS data anomalies per hour per vessel for LL at 90 minutes intervals.



Supplementary figure 2. Heat maps of the average number of AIS data anomalies per hour per vessel for LL at 120 minutes intervals.



Supplementary figure 3. Heat maps of the average number of AIS data anomalies per hour per vessel for PS at 90 minutes intervals.



Supplementary figure 4. Heat maps of the average number of AIS data anomalies per hour per vessel for PS at 120 minutes intervals.