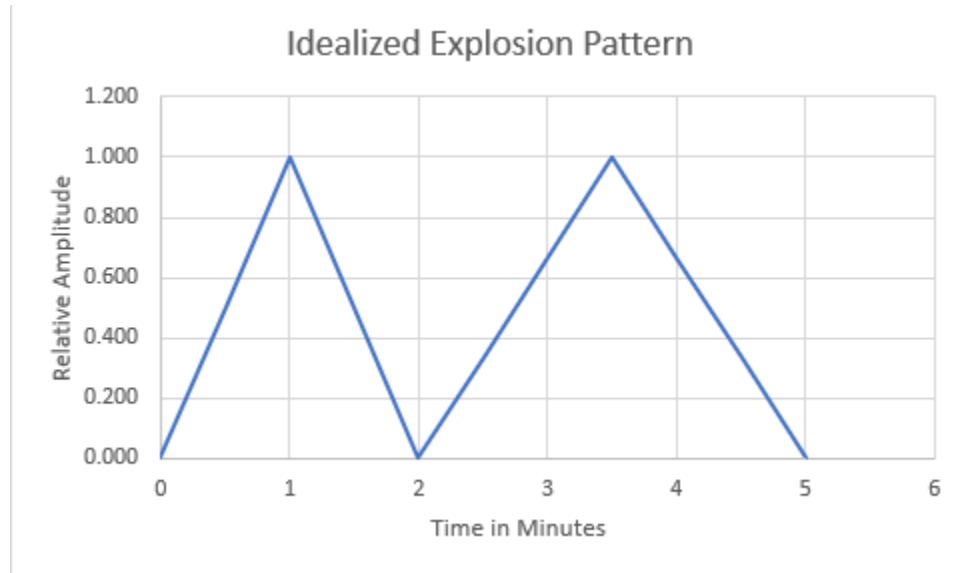


Procedure to Process for Magnetic Anomaly  
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1. Get the 24 h magnetometer record: 1440 points.
2. Interpolate to get a point every 30 sec. (2880 pts).
3. **Normalize by subtracting the minimum field from each point.**
4. Run the explosion pattern past the record, in 30 sec steps, measuring the correlation coefficient (cc) at every step.



5. Set a threshold (minimum) correlation coefficient to aim for.
6. If the cc is greater than the level you choose make note of the time.
7. Step through your results in 30 sec steps.
8. Count the number of cc's you kept within the next 5 min interval.
9. Assign that number to the time at beginning of the 5 min interval.
10. Plot counts vs times. This is the graph.