**3. Offshore Wind Module**

Principal Investigator(s): Shirley Murillo and Bachir Annane

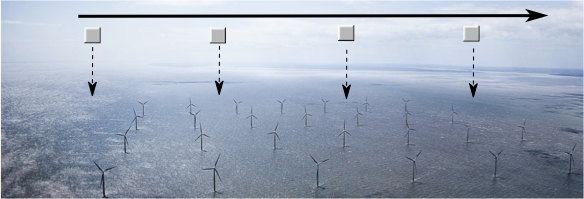
**Mission Description:** If there is a TC over or near the vicinity of the offshore wind farm lease areas and there are ongoing missions we request to fly over the lease areas and drop sondes in a 2-4 km interval. This can be executed by either the P3 or the G-IV.

**P-3/G-IV Module 1**

**What to Target:** Sample the TC as it makes landfall.

**When to Target:** The main target is to fly over the wind lease area.

**Pattern:** Fly a straight leg over the wind farm lease area and launch dropsondes in a 2-4 km interval. The leg can be parallel to the coast line.



**Flight altitude:** Standard P3/G-IV altitude.

**Leg length or radii:** The length of the legs is not specific. The flight leg or a portion of the leg should be over the wind lease area.

**Estimated in-pattern flight duration:** 10 mins

**Expendable distribution:** Drop sondes in a 2-4 km interval over the wind lease area.

**Instrumentation Notes:** Straight and level leg. Drop sondes over the offshore wind lease areas in a 2-4 km interval. Having the wide-swath radar altimeter on the P3 up and running would be ideal but not required.