

**SATELLITE FIX BULLETIN**

**24.10.2024 TIME 1800 UTC**

**TCIN50 DEMS 241800**

**A. VORTEX (DANA)**

**B. 24/1645Z**

**C. 20.5N**

**D. 87.2E**

**E. T3.5**

**F. INSAT-3DR / OCEANSAT-3**

**F. IR / ASCAT**

**G. REMARKS:**

**THE SYSTEM HAS MOVED NORTH-NORTHWESTWARDS DURING LAST 6 HOURS.**

**THE SATELLITE IMAGERY SHOWS THE SYSTEM AS REGULAR CDO PATTERN.**

**DIAMETER SIZE OF CDO IS ABOUT 200 KMS YIELDS  $CF=4$  AND  $BF = -0.5$  YIELDS  $DT = 3.5$ . FT BASED ON DT. HENCE  $FT = 3.5$ .**

**IR IMAGERY SHOWS WESTERN EDGE OF CDO IS INTERACTING WITH COASTAL ODISHA. MODERATE TO INTENSE CONVECTION IS SEEN OVER ODISHA GANGETIC WEST BENGAL SOUTH BANGLADESH.**

**OCEANSAT-3 PASS AT 18 UTC INDICATES MSW OF 45 – 50 KTS AND SUGGESTS INTERACTION WITH ODISHA COAST.**

**H. ADDITIONAL POSITIONS: OCEANSAT 3 AT 18:00 UTC 20.5N / 87.2E**

**TOO 25/0045 EF=**

**NNNN**