

# VDR: PARAMETERS, POTENTIAL VESSEL WEATHER OBSERVER REPORTING, COLLECTION OF WEATHER DATA FROM VDR [NTSB]:

- Generally, weather observations are not directly required for VDR. Note: If fitted with an applicable interface, the wind speed and direction, and inclinometer are required.
- VDR installations can accept a variety of input signals. If an automated source of weather data is available on the bridge, a VDR can be configured to record the data. Similarly, other electronic devices could be configured to autonomously transmit weather data.
- AIS data is required for VDR, which may include weather data.
- ECDIS data is required for VDR (a faithful replica of entire display on view at time of recording), which may include weather data.
- Timely *dissemination* of weather observations to meteorological authorities (and others?) in standard format(s).
- Quality control
- Documentation
- Standards development
- System demonstration(s)
- Several groups are working to improve weather reporting from ships; SOCP efforts could be harmonized with international efforts.
- Owner/operator role for improving weather modeling and forecast services.