

RDSTrack

Wind Farm Mitigation

Chelton's solution for the display of PSR plots uses a Local PSR, Infill PSR and SSR to mitigate the effects of wind farms on radar displays.

The solution is a continuation of proven Chelton technology:

- To display a single track per target, regardless
- of which radar or radars are tracking it.
- To not display nuisance clutter from the wind farm.
- To allow the controller to deduce which radar is being used for the target's position on the PPI.



Key features:

- Removes wind farm clutter
- Uses existing correlation algorithms to counter slant range
- Provides verbatim position reports from each radar
- Maintains a single track per target across the wind farm
- Can assign SSR label data when present
- Minimises ambiguity of position reports from different radars

