



canso
civil air navigation services organisation

“Uniting the Community”

Nico Voorbach

Director
ICAO and Industry Affairs

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ICAO/ACI Wildlife Strike Hazard Reduction Symposium 16–18 May 2017

AGENDA

- **CANSO**
- **ANSP's Mitigation to Wildlife Strike Hazards**
- **Cooperation**
- **Conclusion**

CANSO

Vision

- To be the recognised leader in transforming global air traffic management (ATM) performance

Membership

- 87 **Full Members** (ANSPs) representing 85% of the world traffic
- 80 **Associated Members** (Organisations that supply goods and services to the air traffic management industry, as well as academic institutions and aircraft operators)



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ANSP's Mitigation to Wildlife Strike Hazards

- **Detect wildlife hazard visually**
- **Detect wildlife hazard by radar (eg. 3D-Radar or DeTect Bird Avoidance Radar)**
- **Receive pilot reports**
- **Receive reports from airport ground staff or dedicated wildlife watchers**

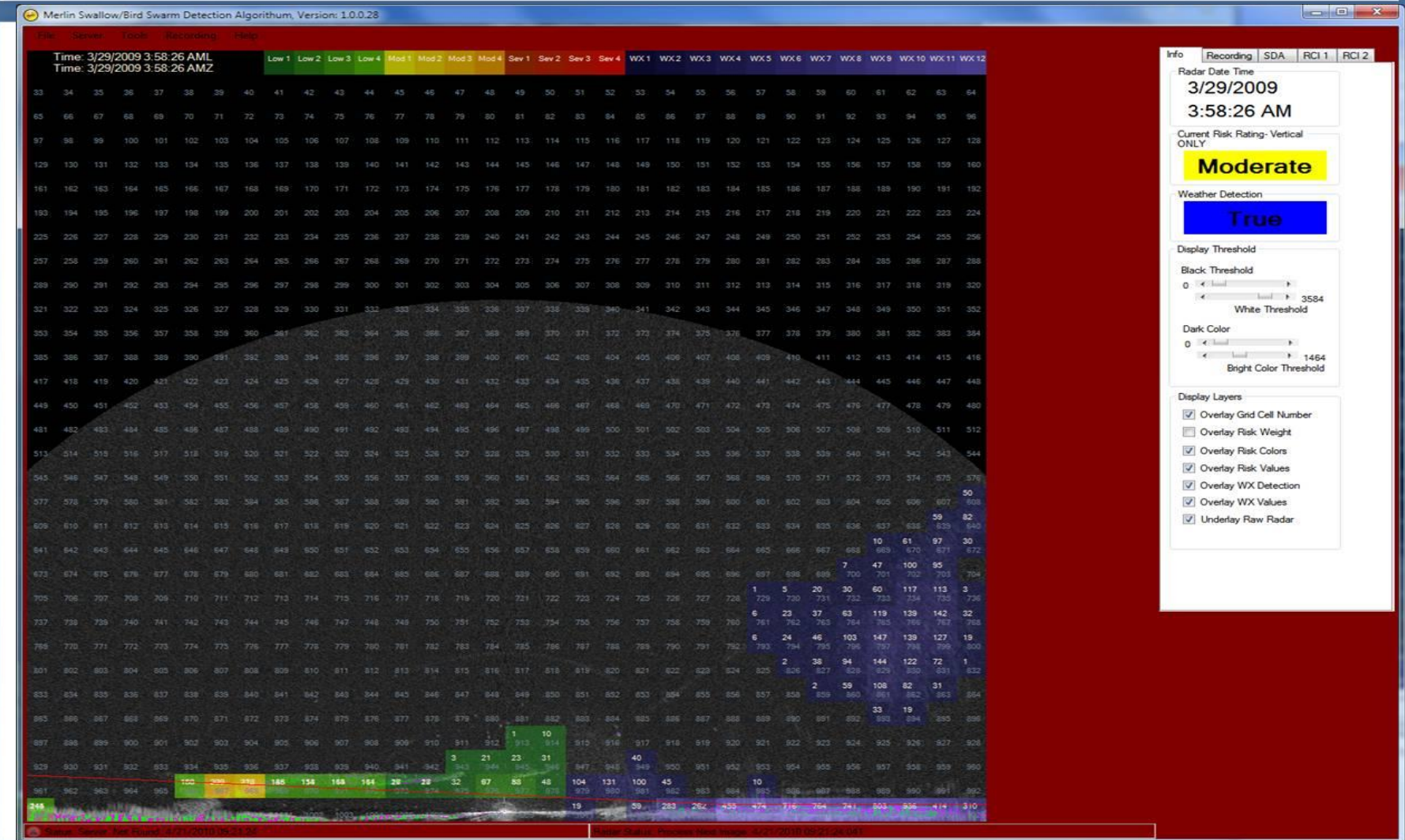
DeTect Bird Avoidance radar ATNS



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DeTect Bird Avoidance Radar ATNS



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ANSP's Mitigation to Wildlife Strike Hazards

- **Advise pilots of actual or potential hazards**
- **Propose diversions to aircraft in flight**
- **Change SIDs or STARs, as needed**
- **Close effected runway or taxiway**
- **Direct ground staff to remove threat on/near active runway(s) and taxiways**

Use Standard Phraseology

Examples:

- **“UNIDENTIFIED TARGET, POSSIBLY A FLOCK OF BIRDS, [other information]”**
- **“LARGE FLOCK OF RAVENS OVER PELICAN LAKE, SOUTHBOUND AT EIGHT HUNDRED FEET”**

Cooperation

- **Establish a joint “wildlife hazard committee” when an area experiences regular hazards**
- **Combination of airport, airlines and ANSP (A-CDM)**
- **Jointly discuss possible mitigation efforts to avoid introduction of new safety threats**

Conclusion

- **Not every airport has wildlife hazards**
- **When they exist a joint effort should investigate the best mitigation measures to apply**
- **For communication between ATC and Pilots a standard phraseology should be developed and published**
- **Cooperation is key**

Questions?



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Thank you!



CANSO ICAO and Industry Affairs
1 Place Ville Marie (Suite 2901)
Montreal, QC
H2X 0E9 Canada

Tel: +1 514 448 5565
Cell: +1 514 449 6199
email: nico.voorbach@canso.org