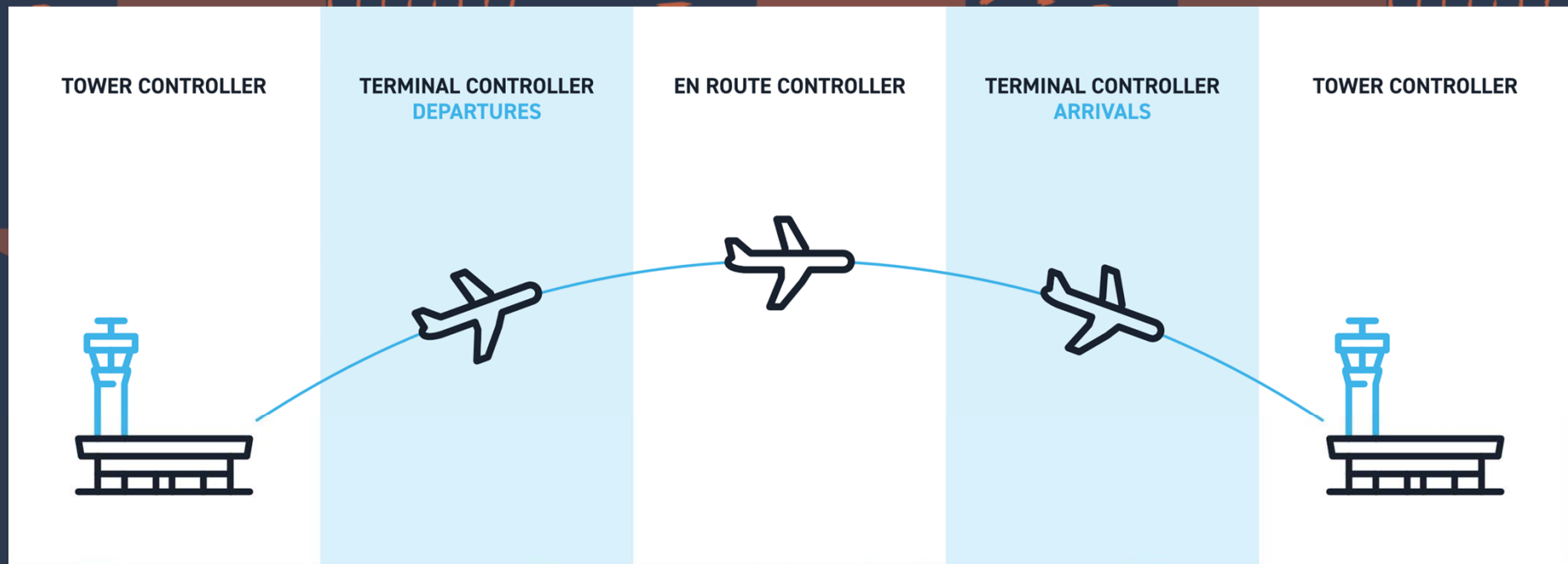


**WHEN ATCs
MEET MET**

Cheryl Chen,
EVP ASP, IFATCA

THE MET INFO ATCs USE AT DIFFERENT PHASES of CONTROL



Source of picture: <https://www.airservicesaustralia.com/about-us/our-services/how-air-traffic-control-works/whos-in-control/>

THE MET INFO ATCs USE AT DIFFERENT PHASES of CONTROL

- METAR
- SPECI
- Info on AWOS
- Meteorological Agency's Broadcast System
(wind/temperature/QNH/cyclone or typhoon/runway visibility/RCR)

- TAF
- METAR
- SPECI
- Info on AWOS
- Weather radar at the console
- Current and expected
(wind and windshear/temperature/QNH/cyclone or typhoon)

- TAF
- METAR
- SPECI
- SIGMET
- Weather radar at the console
(wind/icing/jet stream altitude/volcanic ash/snow/turbulence)

- TAF
- METAR
- SPECI
- Info on AWOS
- Weather radar at the console
- Current and expected
(wind and windshear/temperature/QNH/cyclone or typhoon)

- METAR
- SPECI
- Info on AWOS
- Meteorological Agency's Broadcast System
(wind/temperature/QNH/cyclone or typhoon/runway visibility/RCR)

HOW ATCs REACT TO MET INFO

- CONTINGENCY PRACTICE

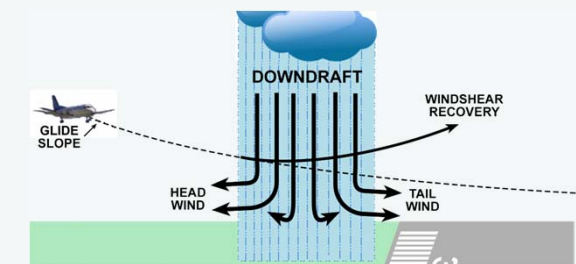
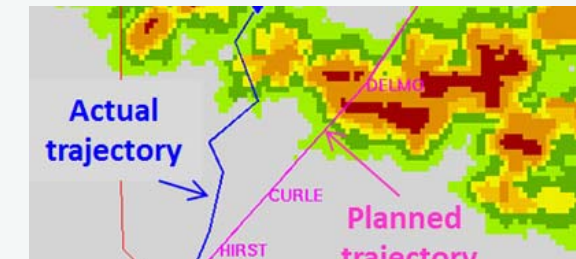
for the worst

- PRE-PLAN

for the bad

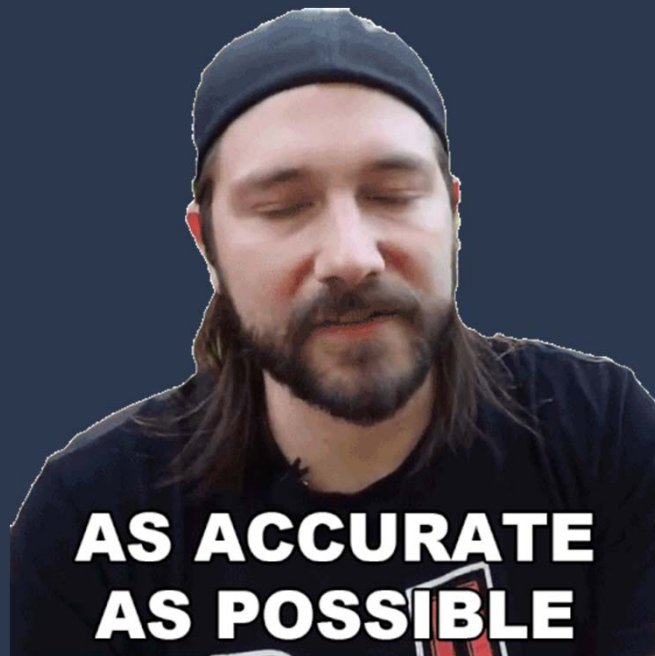
- REACT

upon the scene



SHARE MET INFO WITH ATCs

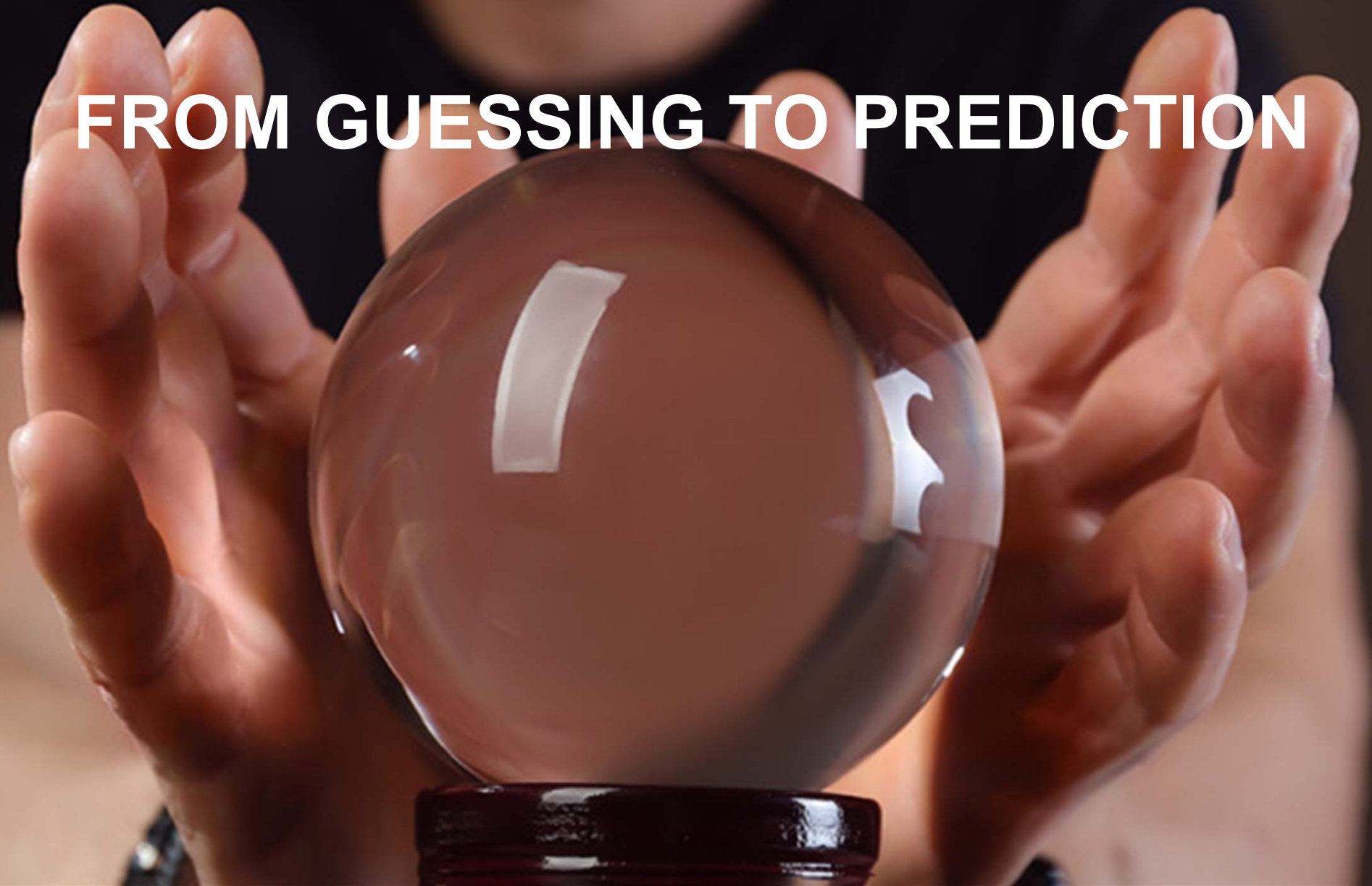
Forecast



Sudden Change



FROM GUESSING TO PREDICTION



FROM GUESSING TO PREDICTION





THANK YOU.

Cheryl Chen

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