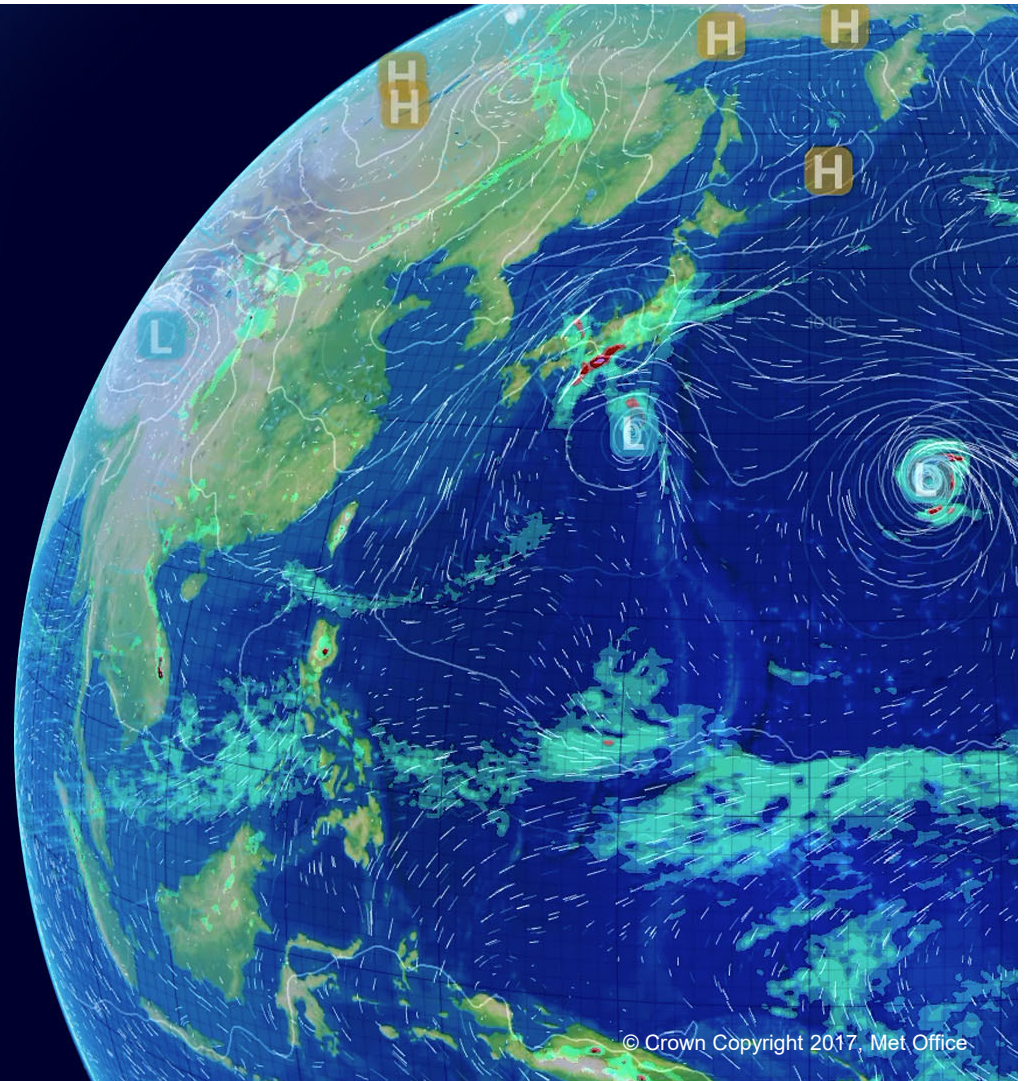


Chawn Harlow and Brett Candy
ITSC-24, March 2023



State of play of radiance processing in the NWP system at the Met Office

- Since June 2020 SRAG porting the Observation Processing System software based on JEDI (see 13.01.Auligné).
- Poster focus: Summary of FSOI impacts in Met Office Global NWP System
- Summary of Met Office contributions:

1.01	James Hocking	<i>RTTOV development status</i>
1p.11	Emma Turner	<i>Implementing the Zeeman effect in the RTTOV</i>
6p.01	Nigel Atkinson	<i>NWP SAF satellite data processing for EPS-SG and MTG</i>
9p.01	Brett Candy	<i>Representation of ice particles for all sky assimilation at 183 GHZ</i>
10p.08	Stuart Newman	<i>PARMIO: A reference model for ocean emissivity and backscatter</i>
13p.02	Chawn Harlow	<i>IASI LST biases and inter-channel error covariances</i>
15p.12	Stefano Migliorini	<i>Assimilation of Transformed Retrievals at the Met Office</i>