



Future ISMAR Campaigns

Chawn Harlow, ISMAR workshop, Paris, 28th to 30th September 2015



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This presentation covers the following areas

- Future Met Office campaigns
- Opportunity for alternative platforms
- Questions



Future Met Office Campaigns: FY2016/17 (Apr-Mar)

- Monsoon Campaign (India; May-July) and CLARIFY (Namibia; Sept.)
 - ISMAR **not** fitted
 - ISMAR undergoing 874 GHz fit and rectification of CaPAR channels
- Hopefully some hours left for Cranfield-based flying (Feb 2017)
 - which case ISMAR would be priority.



Future Met Office Campaigns: FY2017/18 (Apr-Mar)

- Year of Polar Prediction (YOPP) proposed
 - March 2018
 - ISMAR fitted
 - Much opportunity for surface emission work
 - Maybe some cirrus, much mixed phase work
- Some talk of SALSTICE follow-on (Spain?)
 - Cirrus tricky that far south on Be146
- Cirrus campaign could be proposed
 - Met Office could provide hours but no superstructure
 - Cranfield-based or money needed from outside.



Future Met Office Campaigns: FY2018/19 (Apr-Mar)

- Year of Maritime Continent (YMC) proposed
 - Jan/Feb 2019
 - ISMAR probably not fitted
 - Boundary layer development ahead of convection
- Cirrus campaign could be proposed
 - Met Office could provide hours but no superstructure
 - Cranfield-based or money needed from outside.



Future Met Office Campaigns: FY2019/20 and beyond

- No solid plans at present



Opportunity for alternative platforms

- FAAM schedule very busy in the next two years
- FAAM limited to 35,000 ft making getting above Cirrus in tropics impossible
- ISMAR is modular allowing deployment on other aircraft
- Major re-fits in summer 2016 but should be ready soon after.
- Met Office ready to discuss efforts to fit ISMAR to other platforms if there is such a proposal.



Met Office



Any Questions?