"Greater" Atmospheric Measurement and Observation Facility

Remote Sensing					In Situ					Science Advisory Group
Doppler Aerosol Lidar (Rosenberg)	Ceilometer (Rosenberg)	HATPRO (Rosenberg)	MRR (Rosenberg)	Ka-band (Walden)	CAPS (Dorsey)	CPI (Dorsey)	HVPS - 3 (Dorsey)	Distrometer (Rosenberg)	Present Weather (Rosenberg)	Cloud & Precipitation (Jonny Crosier)
Sondes (Rosenberg & Ricketts)	Ozone Lidar (Ricketts)	X-band (Bennett)	CAO Static Radars (Walden)	X-band on dish (Walden)	WAO (Forster)	CVAO (Read)	IAO (Brooks)	CDAO (Hooper)	CAO (Jeffrey)	
CAO (Jeffrey)	CDAO (Hooper)	IAO (Brooks)								
Wind lidar (Brooks)	Spectral Radiometers (Whalley)				CAPS (Dorsey)	CPI (Dorsey)	HVPS - 3 (Dorsey)	PTR-MS (Oram)	ACToFMS (Williams)	Aircraft (Jamie Trembath)
					HVPS - 3 (Dorsey)	AQD High Sen NOx (Lee)	Pan-GC (Hopkins)	WAS (Hopkins)	DC-GC-Fid (Hopkins)	
					GC-MS (Hopkins)					
Lidar Wind Profiler (Rosenberg)	Radar Wind Profiler (Norton)	Doppler Aerosol Lidar (Rosenberg)	Sondes (Rosenberg & Ricketts)	X-band (Bennett)	Anemometers (Rosenberg)	AWS (Rosenberg)				Winds (David Hooper)
IAO (Brooks)	CDAO (Hooper)	WAO (Forster)	CAO (Jeffrey)		CDAO (Hooper)	WAO (Forster)	CVAO (Read)	CAO (Jeffrey)	IAO (Brooks)	
Doppler Aerosol Lidar (Rosenberg)	Ceilometer (Rosenberg)	HATPRO (Rosenberg)	Sondes (Rosenberg & Ricketts)	X-band (Bennett)	Energy Balance Station (Rosenberg)	Flux Tower (Rosenberg)	AWS (Rosenberg)			BL & Turbulence (Charles Chemel)
Lidar Wind Profiler (Rosenberg)	Lidar Wind Profiler (Rosenberg)	Ozone Lidar (Ricketts)	Radar Wind Profiler (Norton)	Ka-band (Walden)	CAO (Jeffrey)	CDAO (Hooper)	WAO (Forster)	IAO (Brooks)		
CAO (Jeffrey)	IAO (Brooks)	WAO (Forster)	CDAO (Hooper)							
Ozone Lidar (Ricketts)	Filtered Radiometer (Whalley)	Spectral Radiometer (Whalley)	IAO (Brooks)		2B Ozone Monitor (Read)	AQD High Sen NOx (Lee)	AL 5002 CO Monitor (Read)	GC-MS (Hopkins)	Pan-GC (Hopkins)	Gas Phase Chemistry (James Lee)
					WAS (Hopkins)	Ametek CO Monitor (Read)	42i NOx (Whalley)	FAGE (Whalley)	PTRMS (Oram)	
					Li-Cors (Rosenberg)	DC-GC-Fid (Hopkins)	49 Ozone (Read & Whalley)	Dew Point Hygrometer (Whalley)		
					WAO (Forster)	CVAO (Read)	BTTAO (Lee)			
Cieml Sunphotometer (Ricketts)	Multiwavelegth Lidar (Jeffrey)				SMPS (Williams)	CPC (Williams)	Grimm OPC (Williams)	APS (Wiilaims)	ACToFMS (Williams)	Aerosol (Paul Williams)
CAO (Jeffrey)	IAO (Brooks)				CPI (Dorsey)	HVPS - 3 (Dorsey)	CAPS (Dorsey)	WAO (Forster)		
COZI (Read), EnFlo (Hayden), PTUCal (Brooks), MCR Chambers - Aerosol (Alfarra), Leeds Chambers - Chemistry (Blitz),										Labs & Chambers
Model Provision (WRF) (Groves & Walker) Long Term Measurements (Operational Best Practice & Oversight) (Brooks, Walden, Hooper, Read, Forster)										Services
Data Project Management, Data Compliance, Tool Development & Support (Brooks, Groves, Stephens, Parton)										Data
CAO (Walden), CDAO (Hooper), CVAO (Read), IAO (Brooks), WAO (Forster), BTTAO (Lee)										Observatory Access
Atmospheric Measurement Summer School, Practical Introduction to Aerosol Measurement, Field Guides to instruments and measurment, Point of reference to further reading, bespoke training for users, email and phone support for users. (All)										Training
AMOF showcases and directs the wider community to PIs of non-AMOF instrumentation - promoting wider collaboration with NCAS science. AMOF showcases and directs the wider community to PIs of wider community owned instrumentation - promoting wider collaboration throughout the community.										Non AMOF Instrumentation Access
Expert advice, hands on assistance and support (Brooks, Groves, Walker)										Technology Development & Support
Lidar (Ricketts), Chilbolton Radar Expert Users exp + Microwave Radiometry (Walden), CDAO User (Hooper), Radiosonde (Ricketts), Surface met (Brooks), Gas Phase Chemistry (Forster), Aerosol (Williams), EnFlo (Hayden)										Working Groups

AMOF ACTIVITY AREA

Science Area Leaders

JD

1. To input to the relevant NCAS science theme and ensure they are aware of AMOF capability and they can feed requirement for observations back to AMOF
2. Ensure knowledge transfer and communication between the in situ and remote sensing communities working in same area.

Science Aera Group & Working Groups

Forward looking

output - paper to AMOFSC on, science highlights, ideas for the furture

meet once year

AMOF

NCAS Sci

Long-Term