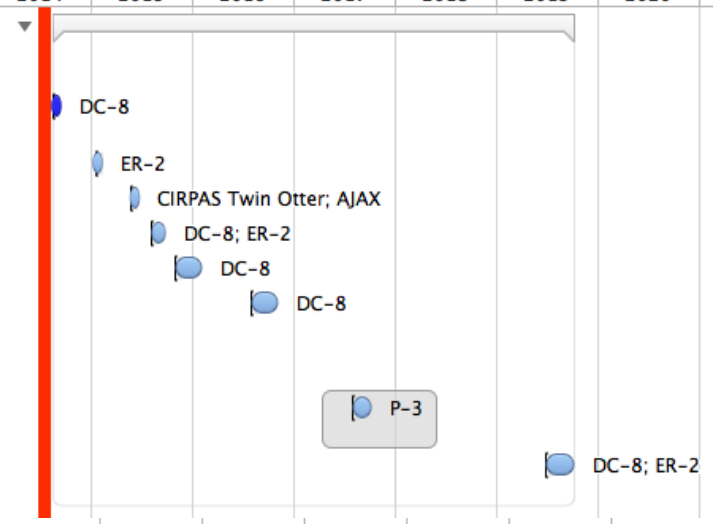
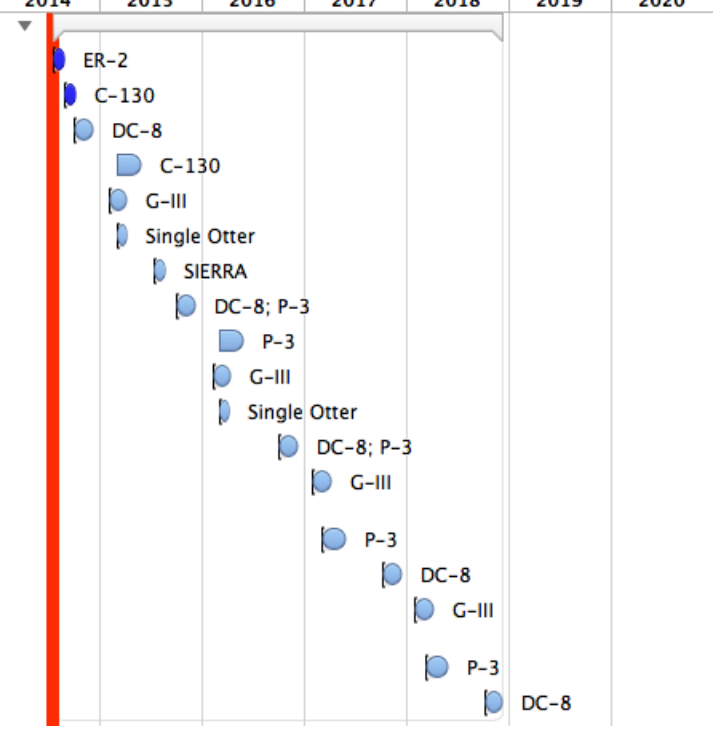
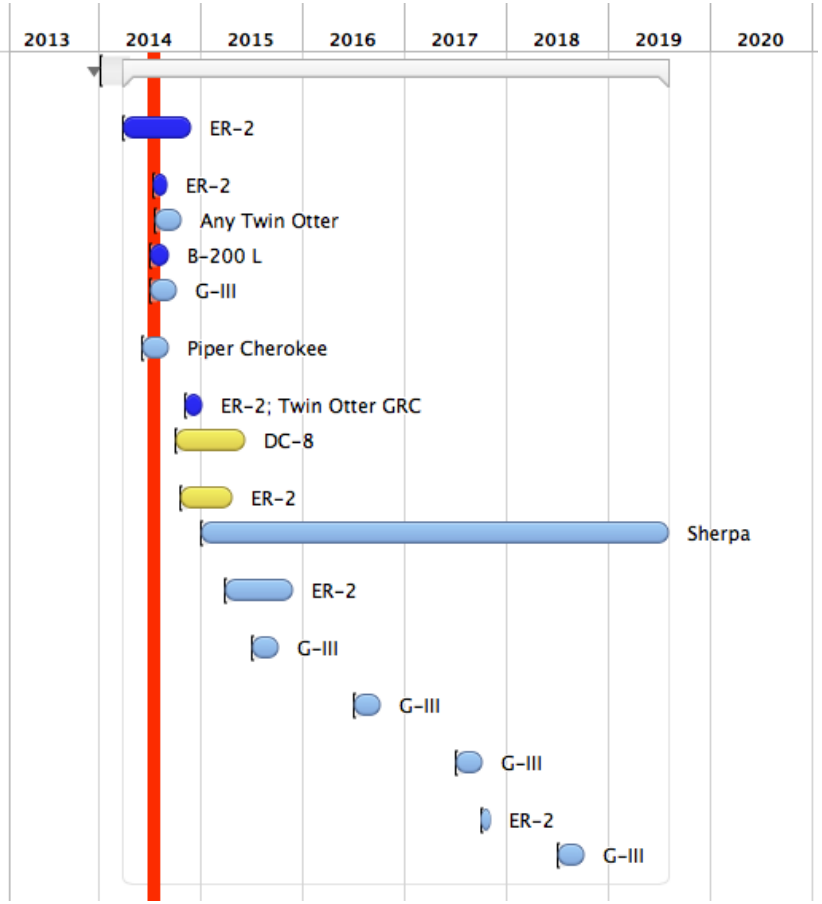
Task	Flt Hours	PS/PE/PM	Related Satellite/Sensor
1) Atmospheric Composition and Chemistry			
1.1) ASCENDS Technology acceleration		Ghuman/Komar	ASCENDS
1.2) RADEX-14	15	Maring	ACE
1.3) HyCOMM	66	Jucks	Aqua
1.4) Atmo.Chem.Mission		Jucks	OCO-2
1.5) RADEX-15	100	Maring	GPM
1.6) Atmospheric composition Northwest Pacific (Korea)	174	Pszenny	Geo-Cape, A-Train, NPP
1.7) Radiation science experiment		Maring	
1.8) Atmospheric Composition Campaign	150/ac	Jucks; Maring	NPP, A-Train, Terra



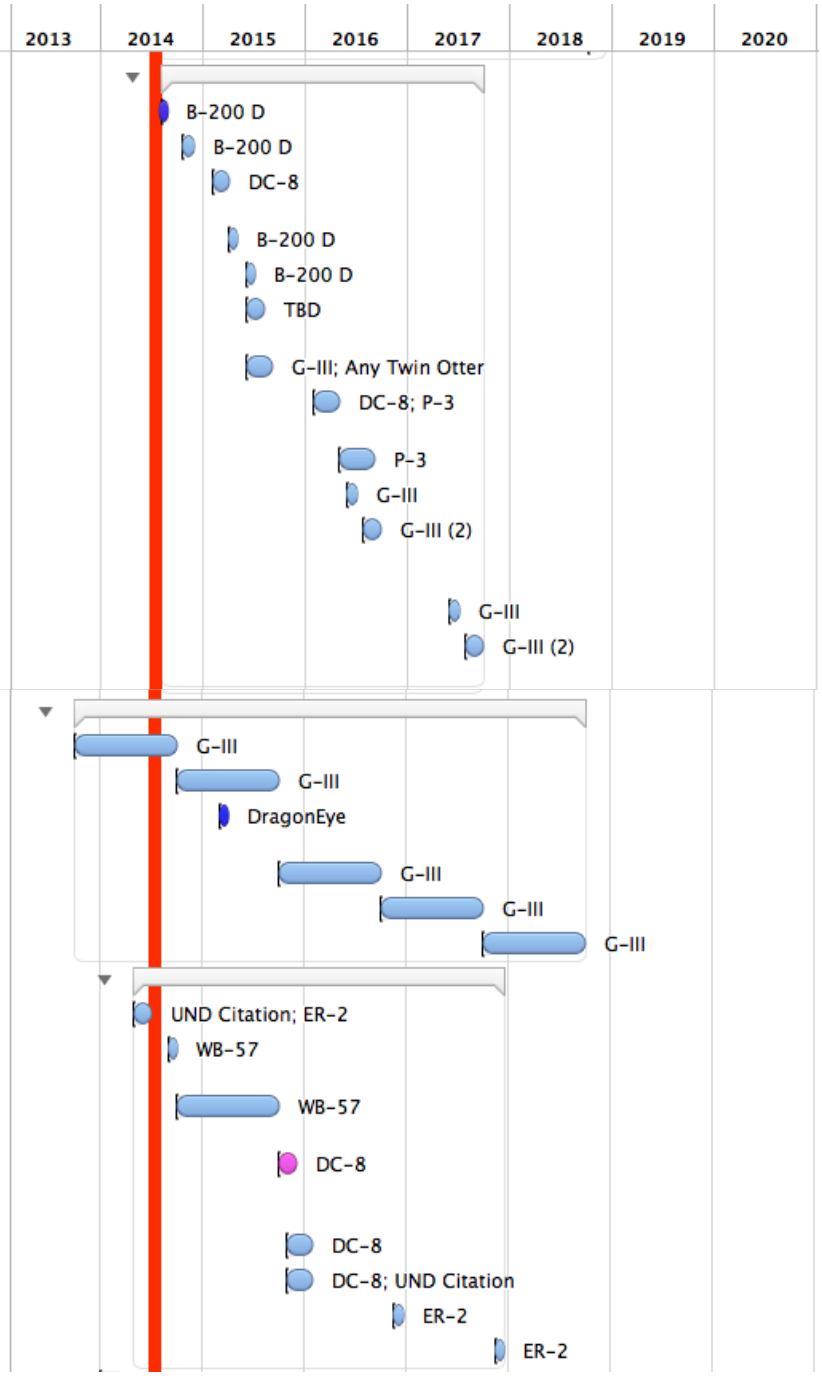
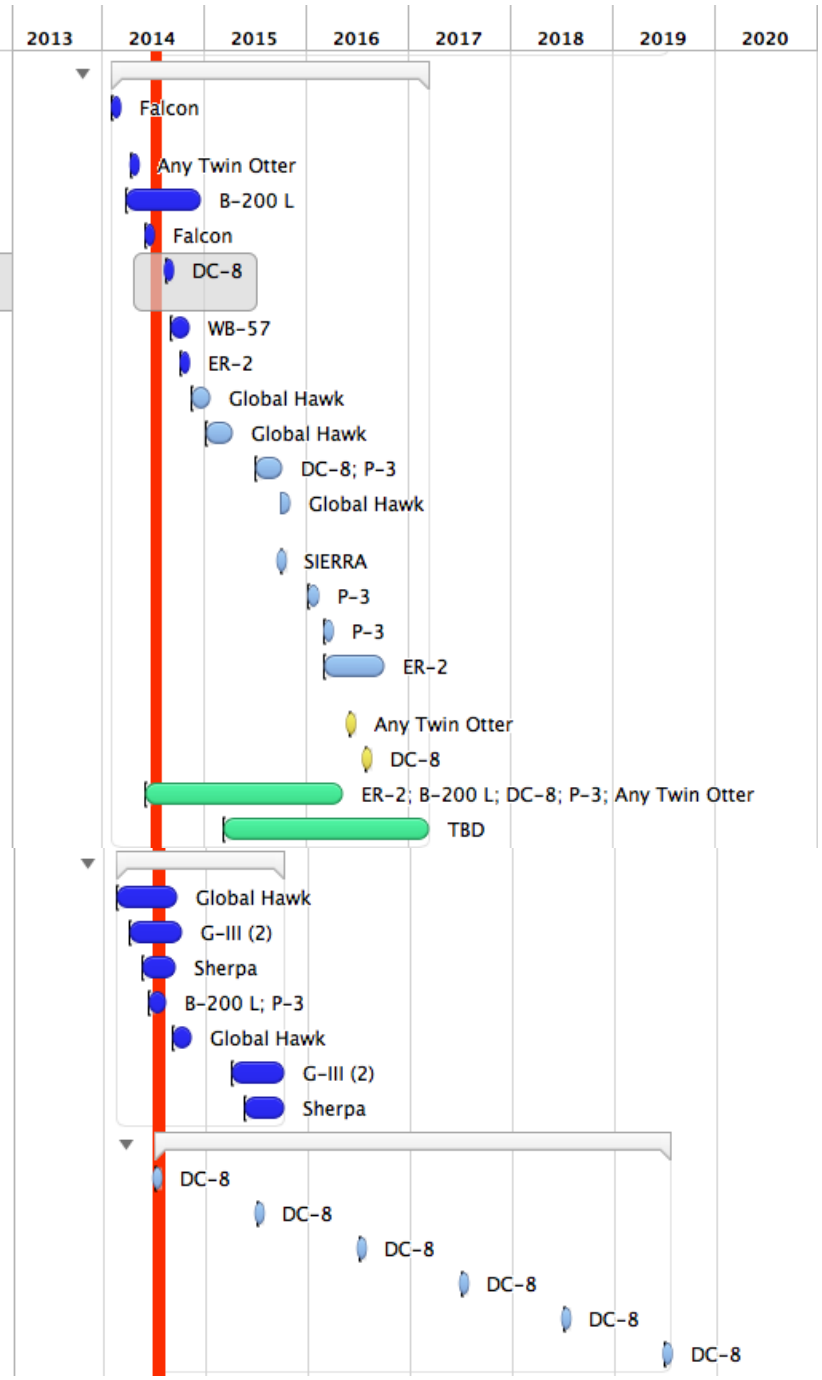
Task	Flt Hours	PS/PE/PM	Related Satellite/Sensor
3) Cryospheric Science			
3.1) MABEL Alaska	65	Wagner	ICESat 2
3.2) ARISE	229	Wagner	ICESat 2
3.3) OIB Antarctica 2014	250	Wagner; Tagg	ICESat 2
3.4) OIB Greenland 2015	300	Wagner; Tagg	ICESAT 2
3.5) OIB Iceland 2015	35	Wagner	ICESat 2
3.6) OIB Alaska 2015		Wagner	ICESat 2
3.7) MIZOPEX follow-on	30	Wagner	
3.8) OIB Antarctica 2015	250	Wagner; Tagg	ICESat 2
3.9) OIB Greenland 2016	300	Wagner; Tagg	ICESAT 2
3.10) OIB Iceland 2016	35	Wagner	ICESat 2
3.11) OIB Alaska 2016		Wagner	
3.12) OIB Antarctica 2016	250	Wagner; Tagg	ICESat 2
3.13) UAVSAR Greenland or Iceland	35	Wagner	
3.14) OIB Greenland 2017	300	Wagner, Tagg	ICESat 2
3.15) OIB Antarctica 2017	250	Wagner, Tagg	ICESat 2
3.16) UAVSAR Greenland or Iceland	35		
3.17) OIB Greenland 2018	300	Wagner, Tagg	ICESat 2
3.18) OIB Antarctica 2018	250	Wagner, Tagg	



Task	Flt Hours	PS/PE/PM	Related Satellite/Sensor
2) Carbon Cycle & Ecosystems			
2.1) AVIRIS & MASTER HyspIRI prep	100	Turner/Neeck	HyspIRI
2.2) AVIRIS Classic /AK	30	Wickland; Tagg	HyspIRI
2.3) AVIRISng	95	Wickland	HypsIRI
2.4) HSRL-OBB	40	Bontempi	PACE
2.5) UAVSAR – Ecosystem Structure	20	Wickland	DESDynI
2.6) Ecosystem Change (Cook GLiHT)	100	Wickland	LDCM
2.7) Coral Biodiversity	22	Turner	PACE, HyspIRI
2.8) Carbon monitoring (AVIRISng)	37	Wickland	DESDynI
2.9) Florida Everglades			
2.10) CCE Field Campaign ABoVE	100	Wickland	
2.11) AVIRIS & MASTER HyspIRI prep	100	Turner/Neeck	HyspIRI
2.12) UAVSAR – Ecosystem Structure	20	Wickland	DESDynI
2.13) UAVSAR – Ecosystem Structure	20	Wickland	DESDynI
2.14) UAVSAR – Ecosystem Structure	20	Wickland	DESDynI
2.15) HySPICE		Bontempi	HyspIRI
2.16) UAVSAR – Ecosystem Structure	20	Wickland	DESDynI



Task	Flt Hours	PS/PE/PM	Related Satellite/Sensor
4) Water and Energy Cycle			
4.1) AIRSWOT	112	Entin, Lindstrom	SWOT
4.2) AIRSWOT	75		SWOT
4.3) Snow Field Campaign-15	20	Entin	
4.4) AIRSWOT	75		SWOT
4.5) AIRSWOT	75		SWOT
4.6) Water quality field campaign	30	Entin, Turner	HyspIRI, ACE
4.7) SMAPVEX-15	30	Entin	SMAP
4.8) Snow Field Campaign- 16	50	Entin	
4.9) SMAPVEX-16 cal/val	50	Entin	SMAP
4.10) SMAP cal/val	20	Entin	SMAP
4.11) RZSM - ESA Collaboration OR	30	Entin	ESA BIOMASS
4.12) SMAP cal/val	20	Entin	SMAP
4.13) RZSM - ESA Collaboration	30	Entin	ESA BIOMASS
5) Earth Surface & Interior			
5.1) UAVSAR - 14	290	Dobson; Tagg	DESDynI
5.2) UAVSAR - 15	290	Dobson; Tagg	DESDynI
5.3) Costa Rica - volcanic plumes	10	LaBrecque	HyspIRI / ASTER
5.4) UAVSAR - 16	290	Dobson; Tagg	DESDynI
5.5) UAVSAR - 17	290	Dobson; Tagg	DESDynI
5.6) UAVSAR - 18	290	Dobson; Tagg	DESDynI
6) Weather			
6.1) GPM-IPHEX (GPM)	86	Kakar; Neeck	GPM
6.2) Tropical Cyclone Intensity Program	60	Tsui	TRMM, GPM
6.3) Tropical Cyclone Intensity Program	60	Tsui	TRMM, GPM
6.4) Atmospheric Dynamics mission Antarctica piggback		Kakar; Neeck	
6.5) RADEX-15	100	Maring	GPM
6.6) OLYMPEX (GPM c/v)	100	Kakar, Neeck	GPM
6.7) GOES-R cal/val			GOES-R
6.8) GOES-R cal/val			GOES-R



Task	Flt Hours	PS/PE/PM	Related Satellite/Sensor
10) New Techology			
10.1) CarbonHawk / Obland		Ghuman	ASCENDS
10.2) HyTES	65	Kaye	HyspIRI
10.3) HSRL-2	15	Trepte	ACE
10.4) Geo-TASO/Leitch		Al-Saadi	GEO-CAPE
10.5) CO2 Laser sounder /ASCENDS		Ghuman	ASCENDS
10.6) HDSS	10	Maring	TRMM, Coudsat
10.7) ACERAD/Racette		Komar	ACE
10.8) GISTEN-H/Moller		Famiglietti	ICESat 2
10.9) UAVSAR-GH -15	50	Dobson; Tagg	DESDynI
10.10) 4-star radiometer	8	Entin/AITT	ACE, NPP, GEO-CAPE
10.11) CarbonHawk/ Obland		Jucks	ASCENDS
10.12) Wright - IIP	10	ESTO	HyspIRI
10.13) ECOSAR/Rincon		Wickland	DESDynI
10.14) ECOSAR/Fatoyinbo		Wickland	DESDynI
10.15) Thermal IR Climate sensor	16	Albertson	Aqua, Aura
10.16) Polarimeter test	30	Buckner	ACE
10.17) RLINFS test	7	Buckner	
10.18) AITT-2012 awards		Komar	
10.19) IIP-2013 Awards		Komar	
8) Earth Venture 1			
8.1) ATTREX-14	200	Jucks, Tagg	
8.2) AirMOSS - 14	326	Entin; Tagg	SMAP
8.3) CARVE - 14	336	Wickland; Tagg	OCO-2
8.4) DISCOVR-AQ - 14	100	Maring, Tagg	GEO-CAPE
8.5) HS3 - 14	327	Kakar; Tagg	
8.6) AirMOSS - 15	300	Entin; Tagg	SMAP
8.7) CARVE - 15	336	Wickland; Tagg	OCO-2
9) Education			
9.1) SARP 2014	14	Kaye; Tagg	
9.2) SARP 2015	14	Kaye; Tagg	
9.3) SARP 2016	14	Kaye; Tagg	
9.4) SARP 2017	14	Kaye; Tagg	
9.5) SARP 2018	14	Kaye; Tagg	
9.6) SARP 2019	14