

EFW boom deployments

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Introduction

- ❑ During the commissioning phase the EFW boom deployments happened in several phases, so different probe separations occurred on each spacecraft and between the four spacecraft
- ❑ Archiving the DC and AC E-field measurements at different probe separations help understand the quality of the measurements at different antenna baselines which can be very useful not only to the Cluster but also to other missions

Cluster 1-2

Date/Time UT	Date/Time UT	Spacecraft 1 Rumba	Spacecraft 2 Salsa
2000 Sep 05	1812-1816		P34 0-3 m
2000 Sep 05	1826-1843		P34 3-15 m
2000 Sep 05	1904-1910		P12 0-3 m
2000 Sep 05	1920-1940		P12 3-15 m
2000 Sep 07	2123-2128	P34 0-3 m	
2000 Sep 07	2141-2201	P34 3-15 m	
2000 Sep 07	2221-2227	P12 0-3 m	
2000 Sep 07	2255-2320	P1 3-15 m P2 3-18.5 m	
2000 Sep 12	1114-1142		P34 15-35 m
2000 Sep 12	1211-1219		P12 15-20 m
2000 Sep 18	2113-2122		P34 35-41 m
2000 Sep 20	1907-1939	P34 15-35 m	
2000 Sep 20	2006-2013	P1 15-20 m	
2000 Sep 20	2028-2030	P2 18.5-20 m	
2000 Sep 25	2016-2026	P34 35-41 m	
2000 Oct 04	1728-1802		P12 20-41 m
2000 Oct 06	1509-1746	P12 20-41 m	

Cluster 3-4

Date/Time UT	Date/Time UT	Spacecraft 3 Samba	Spacecraft 4 Tango
2000 Oct 11	1736-1741	P34 0-3 m	
2000 Oct 11	1759-1820	P34 3-15 m	
2000 Oct 11	1838-1843	P12 0-3 m	
2000 Oct 11	1849-1909	P12 3-15 m	
2000 Oct 16	1657-1730	P34 15-35 m	
2000 Oct 16	1752-1800	P12 15-20 m	
2000 Oct 18	1617-1627	P34 35-41 m	
2000 Oct 25	1756-1801		P34 0-3 m
2000 Oct 25	1811-1833		P34 3-15 m
2000 Oct 25	1904-1909		P12 0-3 m
2000 Oct 25	1927-1947		P12 3-15 m
2000 Oct 30	1506-1540		P34 15-35 m
2000 Oct 30	1608-1616		P12 15-20 m
2000 Nov 02	1650-1700		P34 35-41 m
2000 Nov 08	1435-1508	P12 20-41 m	
2000 Nov 16	1450-1525		P12 20-41 m