

## FO29 (Launched 1998) Passes During FD 2013

Start	22/6 - 21h06	3669	154	5	SHA	1236	15.7	-57.9	-7	Radio
Apex	22/6 - 21h15	1240	52	63	SHA	1116	44.8	-66.2	-8	Visual
End	22/6 - 21h23	3609	351	2	YES	994	70.6	-84.4	-9	Radio

[See the Pass](#)

Start	22/6 - 22h53	3536	211	6	SHA	1230	17.4	-84.9	-19	Radio
Apex	22/6 - 22h59	2236	257	23	SHA	1151	36.7	-90.1	-20	Radio
End	22/6 - 23h07	3456	329	4	YES	1031	62.7	-102.4	-20	Radio

[See the Pass](#)

Start	23/6 - 10h01	2871	22	6	YES	835	62.8	-52.7	44	Radio
Apex	23/6 - 10h07	1059	91	48	YES	804	41.8	-63.2	45	Radio
End	23/6 - 10h14	3076	179	3	YES	810	16.8	-70.1	46	Radio

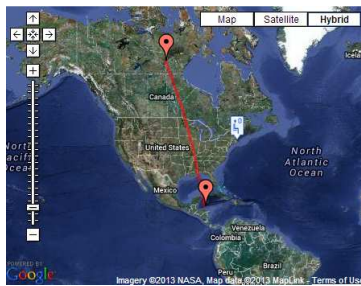
[See the Pass](#)

Start	23/6 - 11h47	2800	353	7	YES	839	64.5	-77.9	53	Radio
Apex	23/6 - 11h52	1754	298	22	YES	808	47.1	-88.0	53	Radio
End	23/6 - 11h58	3095	238	2	YES	802	25.7	-94.5	53	Radio

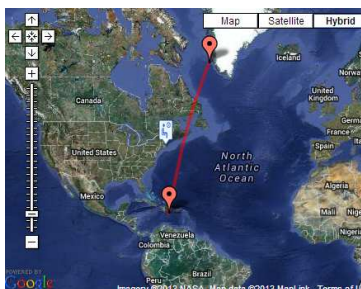
### Saturday 2106-2123



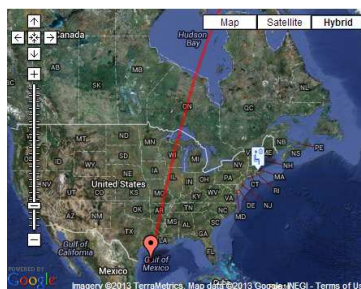
### Saturday 2253-2307



### Sunday 1001-1014



### Sunday 1147-1158



Analog Uplink  
Analog downlink  
Beacon

146.000 to 145.900 MHz CW/LSB  
435.800 to 435.900 MHz CW/USB  
435.795 MHz (normally CW telemetry)

Offset: