

## FETS RFQ Milestones

Date	RFQ Section 1	Operation #	Operation
Oct-12	1	1	Stage 1 machining complete and delivered to RAL.
	1	2	Machining tolerances verified using CMM at RAL and results recorded.
	1	3	Bead-pull test complete to measure frequency and dipole mode spacing.
Dec-12	1	4	Stage 2 end face machining complete and re-delivered to RAL.
	1	5	Re-assembly with vacuum and RF seals in place.
	1	6	Alignment checked against first measurement set.
	1	7	Ancillary component manufacturing and vacuum tests complete.
	2, 3 and 4	1	Stage 1 machining complete and delivered to RAL.
	2, 3 and 4	2	Machining tolerances verified using CMM at RAL. Results recorded.
	2, 3 and 4	3	Bead-pull test complete to measure frequency and dipole mode spacing.
Feb-13	1	8	Section populated with tuners and end flanges
	1	9	Bead-pull test complete to measure field flatness
	1	10	Tuners machined to length and re-fitted.
	1	11	Bead-pull test repeated to check that field is flat
	2, 3 and 4	4	Stage 2 end face machining complete and re-delivered to RAL.
	2, 3 and 4	5	Re-assembly with vacuum and RF seals in place.
	2, 3 and 4	6	Alignment checked.
Apr-13	1	12	Vacuum test complete.
	1	13	Cooling system check.
	1	14	Fit and align to FETS.
	2, 3 and 4	7	Ancillary component manufacturing and vacuum tests complete.
	2, 3 and 4	8	Sections populated with tuners and end flanges
	2, 3 and 4	9	Bead-pull test complete to measure field flatness
Jun-13	2, 3 and 4	10	Tuners machined to length and re-fitted.
	2, 3 and 4	11	Bead-pull test repeated to check that field is flat
Aug-13	2, 3 and 4	12	Vacuum test complete.
	2, 3 and 4	13	Cooling system check.
	2, 3 and 4	14	Fit and align to FETS.
Oct-13	1, 2, 3 and 4	15	High power RF test complete. Ready for beam.