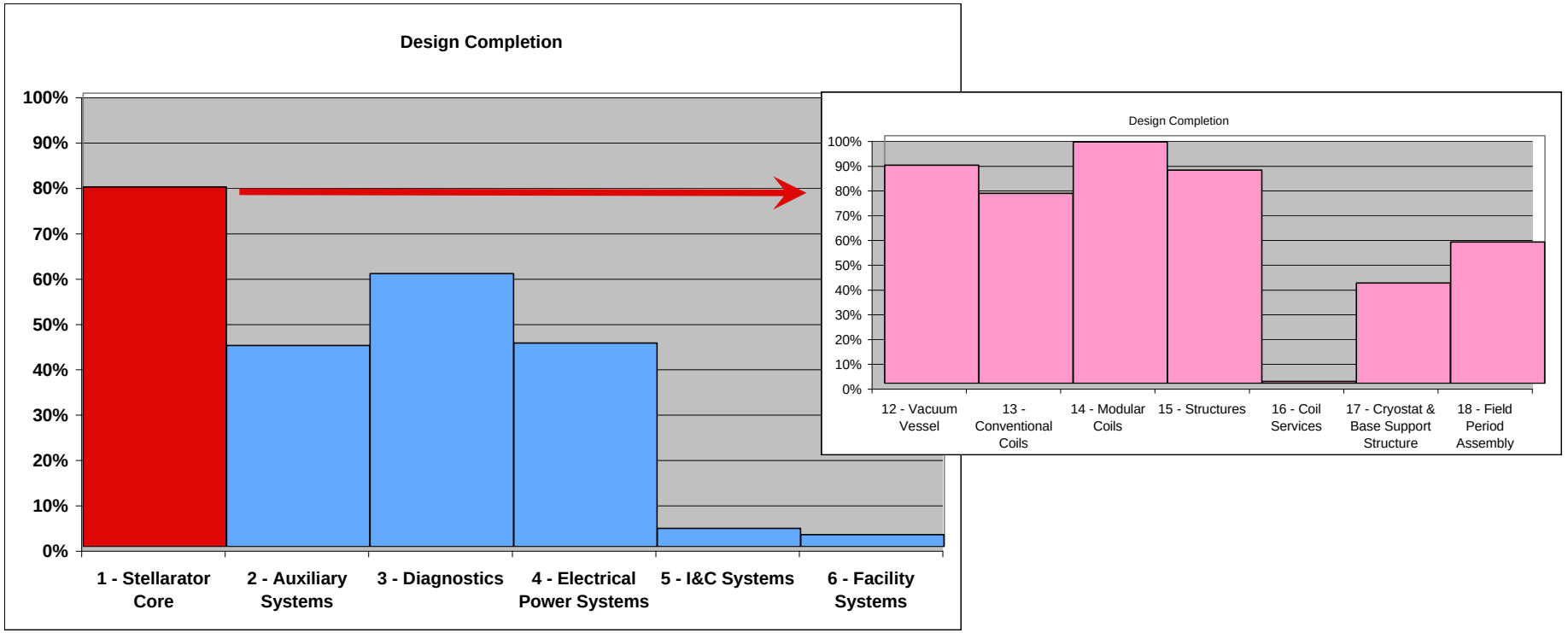
Project Completion Analysis

		Design	R&D	Procure	Fab & Assy	Mgt & Oversite (wbs 19 & 8)	TOTAL
12 Vacuum Vessel	Spent $k)	$1,641	$1,787	$6,325	$0		**$9,753**
	Total ($k)	$1,864	$1,787	$7,315	$216		**$11,182**
13 Conventional Coils	Spent $k)	$1,278	$0	$2,016	$536		**$3,830**
	Total ($k)	$1,665	$0	$5,670	$751		**$8,086**
14 Modular Coils	Spent $k)	$6,297	$5,454	$12,934	$13,483		**$38,168**
	Total ($k)	$6,463	$5,458	$13,979	$14,870		**$40,770**
15 Structures	Spent $k)	$550	$0	$0	$0		**$550**
	Total ($k)	$639	$0	$1,430	$12		**$2,081**
16 Coil Services	Spent $k)	$3	$0	$0	$0		**$3**
	Total ($k)	$392	$24	$496	$179		**$1,091**
17 Cryostat & Base Support Structure	Spent $k)	$489	$0	$0	$0		**$489**
	Total ($k)	$1,206	$0	$780	$0		**$1,986**
18 Field Period Assembly	Spent $k)	$1,439	$0	$7	$4,094		**$5,540**
	Total ($k)	$2,520	$0	$362	$17,096		**$19,978**
1 Stellarator Core	**Spent $k)**	**$11,697**	**$7,241**	**$21,282**	**$18,113**		**$58,333**
	Total ($k)	**$14,749**	**$7,269**	**$30,032**	**$33,124**		**$85,174**
		79%	*100%*	*71%*	*55%*		*68%*
2 Auxiliary Systems	**Spent $k)**	**$348**	**$0**	**$0**	**$0**		**$348**
	Total ($k)	**$784**	**$0**	**$215**	**$366**		**$1,365**
		44%	-	*0%*	*0%*		*25%*
3 Diagnostics	**Spent $k)**	**$565**	**$0**	**$0**	**$565**		**$1,130**
	Total ($k)	**$938**	**$0**	**$68**	**$934**		**$1,940**
		60%	-	*0%*	*60%*		*58%*
4 Electrical Power Systems	**Spent $k)**	**$615**	**$0**	**$0**	**$0**		**$615**
	Total ($k)	**$1,369**	**$0**	**$216**	**$1,749**		**$3,334**
		45%	-	*0%*	*0%*		*18%*
5 I&C Systems	**Spent $k)**	**$33**	**$0**	**$0**	**$0**		**$33**
	Total ($k)	**$818**	**$0**	**$624**	**$689**		**$2,131**
		4%	-	*0%*	*0%*		*2%*
6 Facility Systems	**Spent $k)**	**$24**	**$0**	**$0**	**$0**		**$24**
	Total ($k)	**$896**	**$104**	**$722**	**$726**		**$2,448**
		3%	*0%*	*0%*	*0%*		*1%*
7 Test Cell Preparation & Machine Assy	**Spent $k)**	**$0**	**$0**	**$0**	**$708**		**$708**
	Total ($k)	**$0**	**$0**	**$367**	**$8,919**		**$9,286**
		-	-	-	*8%*		*8%*
Sub-TOTAL	**Spent $k)**	**$13,282**	**$7,241**	**$21,282**	**$19,386**		**$61,191**
	Total ($k)	**$19,554**	**$7,373**	**$32,244**	**$46,507**		**$105,678**
	% complete	**68%**	**98%**	**66%**	**42%**		**58%**
19 Stellarator Core Management & Integratic	Spent $k)	$0	$0	$0	$0	$2,317	**$2,317**
	Total ($k)	$0	$0	$0	$0	$4,572	**$4,572**
8 Project management & Engineering	Spent $k)	$0	$0	$0	$0	$12,862	**$12,862**
	Total ($k)	$0	$0	$0	$0	$28,007	**$28,007**
Grand Total	Spent $k)	$13,282	$7,241	$21,282	$19,386	$15,179	$76,370
	Total ($k)	$19,554	$7,373	$32,244	$46,507	$32,579	$138,257
	% complete	**68%**	**98%**	**66%**	**42%**		**55%**
						contingency =	**22410**
							$160,667


Design Completion
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1 - Stellarator Core
2 - Auxiliary Systems
3 - Diagnostics
4 - Electrical Power Systems
5 - I&C Systems
6 - Facility Systems
Design Completion
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
12 - Vacuum Vessel
13 - Conventional Coils
14 - Modular Coils
15 - Structures
16 - Coil Services
17 - Cryostat & Base Support Structure
18 - Field Period Assembly