P16315 - SPX Strain Data Acquisition

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Document Owner: Luke Kranz

Rev: 1

Start Date: 12/8/2015 Tuesday

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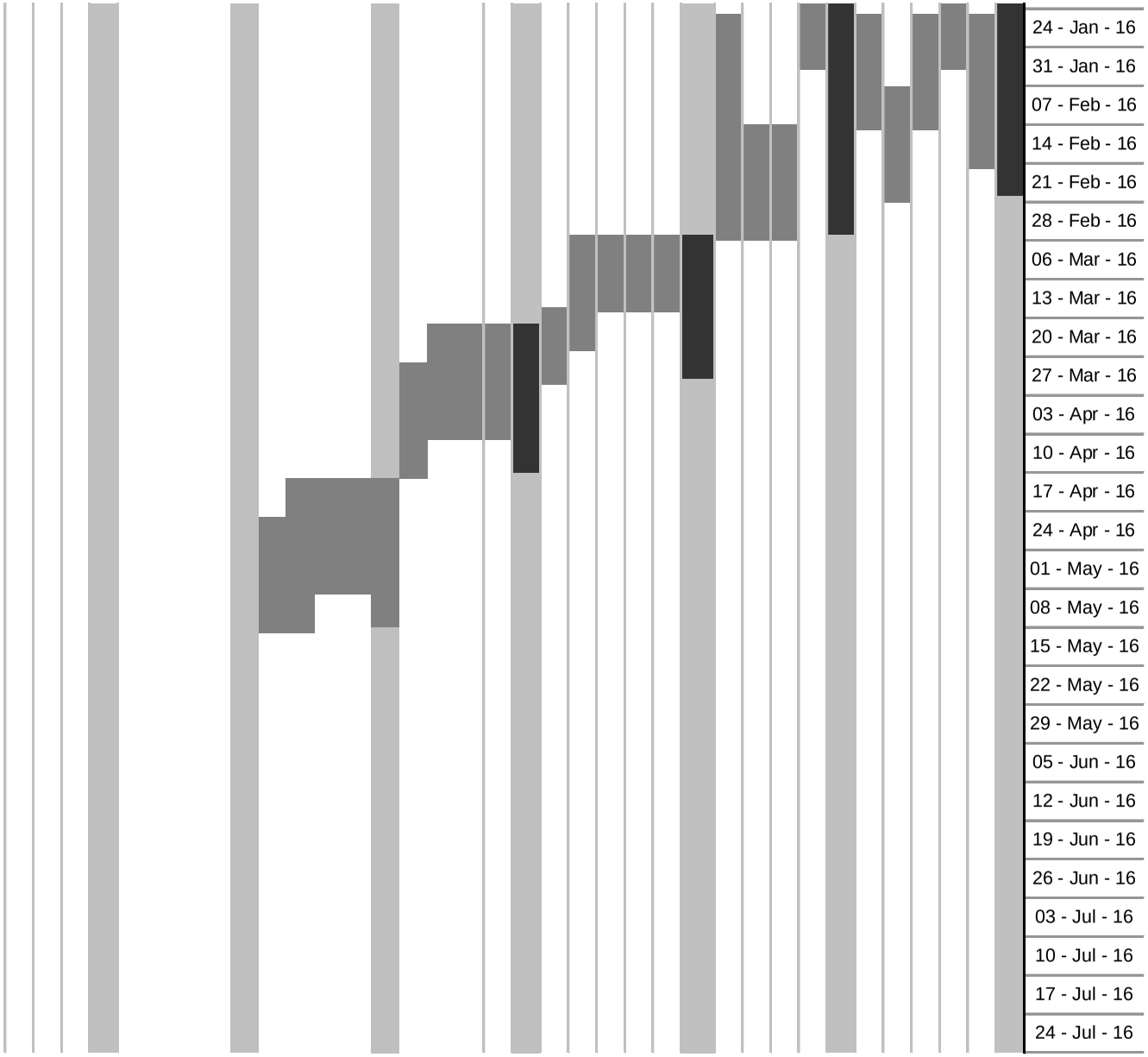
WBS	Tasks	Task Owner(s)	Start	End	Duration (Days)	% Complete	06 - Dec - 15	13 - Dec - 15	20 - Dec - 15	27 - Dec - 15	03 - Jan - 16	10 - Jan - 16	17 - Jan - 16
1	**Build & Test Prep**		12/6/15	2/27/16	83								
1.1	Case 3D Printed		1/25/16	2/21/16	28								
1.2	Cantilevered Beam Test		12/6/15	2/3/16	60								
1.3	Impeller Velocity Test		1/25/16	2/14/16	21								
1.4	Assembly Plans		2/7/16	2/27/16	21								
1.5	Receive Parts		1/25/16	2/14/16	21								
2	**Subsystem Build & Test**		12/6/15	3/5/16	90								
2.1	Measure Cantilevered Beam Strain		12/6/15	2/3/16	60								
2.2	Assemble & Wire Transmitter Case		2/14/16	3/5/16	21								
2.3	Waterproof Case Testing		2/14/16	3/5/16	21								
2.4	Mount Gauges to Impeller		1/25/16	3/5/16	41								
3	**Integrated System Build & Test**		3/5/16	3/31/16	26								
3.1	Low Speed Telemetry Testing		3/5/16	3/18/16	14								
3.2	High Speed Telemetry Testing		3/5/16	3/18/16	14								
3.3	Transient Testing		3/5/16	3/18/16	14								
3.4	System Durability Testing		3/5/16	3/25/16	21								
3.5	SPX Data Comparison		3/18/16	3/31/16	14								
4	**Customer Demo**		3/21/16	4/17/16	27								
4.1	Full Scaled Demo for SPX		3/21/16	4/10/16	21								
4.2	Final Build with Gauge Choices		3/21/16	4/10/16	21								
4.3	Strain Measurement at Multiple Speeds		3/21/16	4/10/16	21								
4.4	Use Procedure (Operations & Assembly)		3/28/16	4/17/16	21								
5	**Customer Handoff & Final Doc.**		4/18/16	5/15/16	27								
5.1	Completed Operations Manual		4/18/16	5/8/16	21								
5.2	Completed Assembly Manual		4/18/16	5/8/16	21								
5.3	Full-Scale Transfer		4/18/16	5/15/16	28								
5.4	Final Documentation		4/25/16	5/15/16	21								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