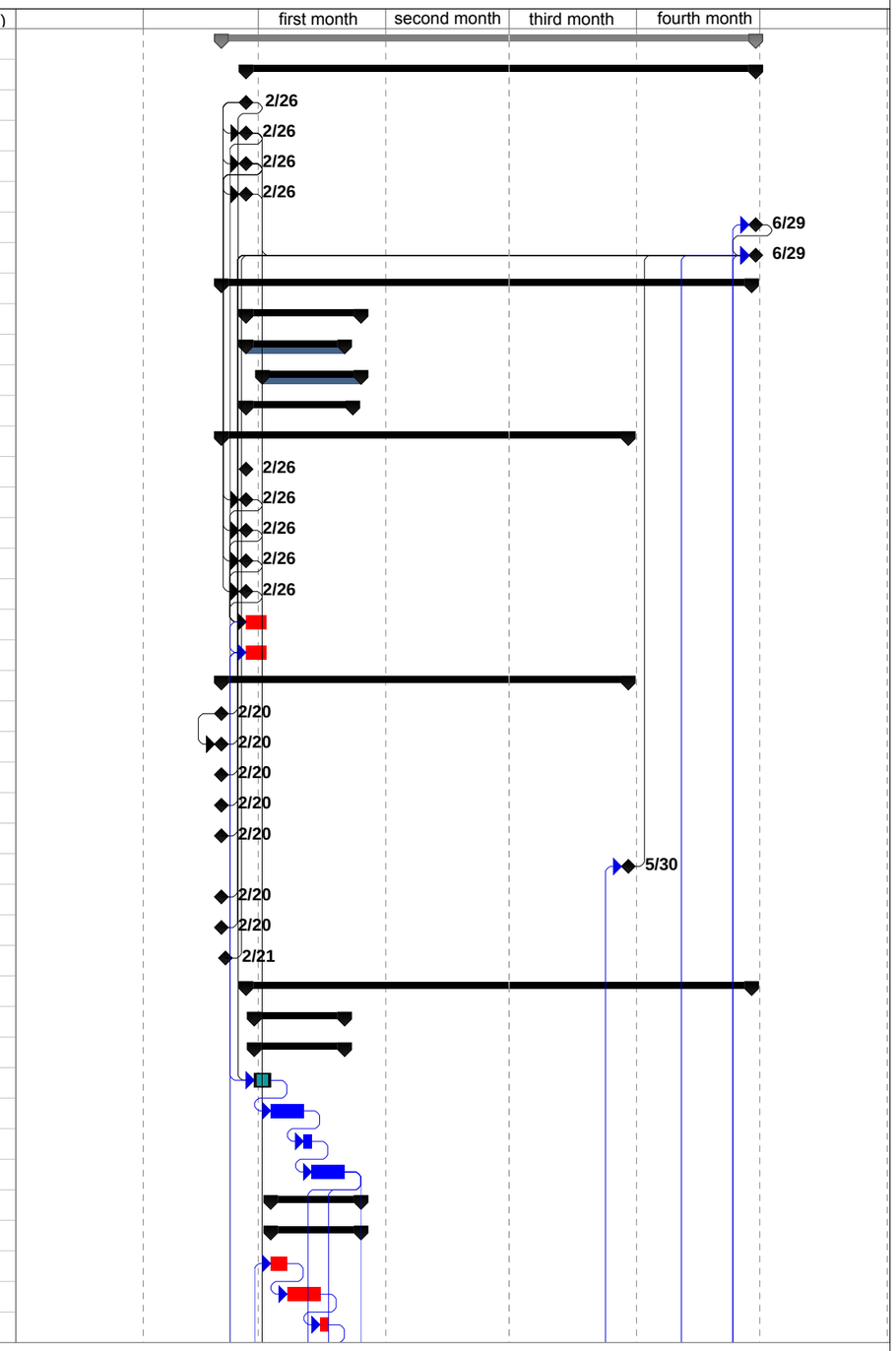
Control System Project for گهداشت و افزایش تولید میدان نفتی بینک سطح الارض

ID	WBS	Task Name	Duration	Start	Finish	Start (Jalali)	Finish (Jalali)
0		Control System Project	130 days				
1	A	MAJOR MILESTONES	124 days				
2	A-D	Issuing of PBG by Vendor	0 days				
3	A-E	Advanced Payment by Client	0 days				
4	A-F	Reciept of Client Final Documents	0 days				
5	A-G	Kick-off Meeting	0 days				
6	A-H	Final Payment	0 days				
7	A-C	Finish Date	0 days				
8	B	ENGINEERING AND DESIGN	129 days				
9	B-A	Common Documents	28 days				
10	B-A-2	Document List	24 days				
15	B-A-8	Planning Program	24 days				
20	B-A-3	Inspection & Test Plan	26 days				
30	B-B	Common Documents by Client	99 days				
31	B-B-1	Basic documents	0 days				
32	B-B-1-1	I/O List	0 days				
33	B-B-1-2	Piping & Instrument Diagram	0 days				
34	B-B-1-3	Automation System Architecture	0 days				
35	B-B-1-4	CCR Layout	0 days				
36	B-B-2	Reviewing Received Documents & Issuing Ambiguities	5 days				
37	B-B-3	Client Comments and Clarifications About the Issued /	5 days				
38	B-B-4	Complementary Documents	99 days				
39	B-B-4-1	Control Philosophy	0 days				
40	B-B-4-2	MCC Single Line Diagram	0 days				
41	B-B-4-3	Cause & Effect Diagram	0 days				
42	B-B-4-4	MCC Termination Diagram	0 days				
43	B-B-4-5	Cable Schedule	0 days				
44	B-B-4-6	Alarm & Trip List & Setting	0 days				
45	B-B-4-7	Logic Diagram	0 days				
46	B-B-4-8	Instrument Junctin Box Diagram	0 days				
47	B-B-4-9	Instrument Loop Diagram	0 days				
48	B-H	PLC Documents	123 days				
49	B-H-9	Control System Design	22 days				
50	B-H-9-6	Control System Architecture	22 days				
51	B-H-9-6-13	Control System Architecture (IFC)	4 days				
52	B-H-9-6-14	Control System Architecture (Client Comments)	8 days				
53	B-H-9-6-15	Control System Architecture (IFA)	2 days				
54	B-H-9-6-16	Control System Architecture (Client Approval)	8 days				
55	B-H-10	Procurement Documents	22 days				
56	B-H-10-5	Material Take-Off	22 days				
57	B-H-10-5-13	Material Take-Off (IFC)	4 days				
58	B-H-10-5-14	Material Take-Off (Client Comment)	8 days				
59	B-H-10-5-15	Material Take-Off (IFA)	2 days				



Task | Critical | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Progress | Deadline

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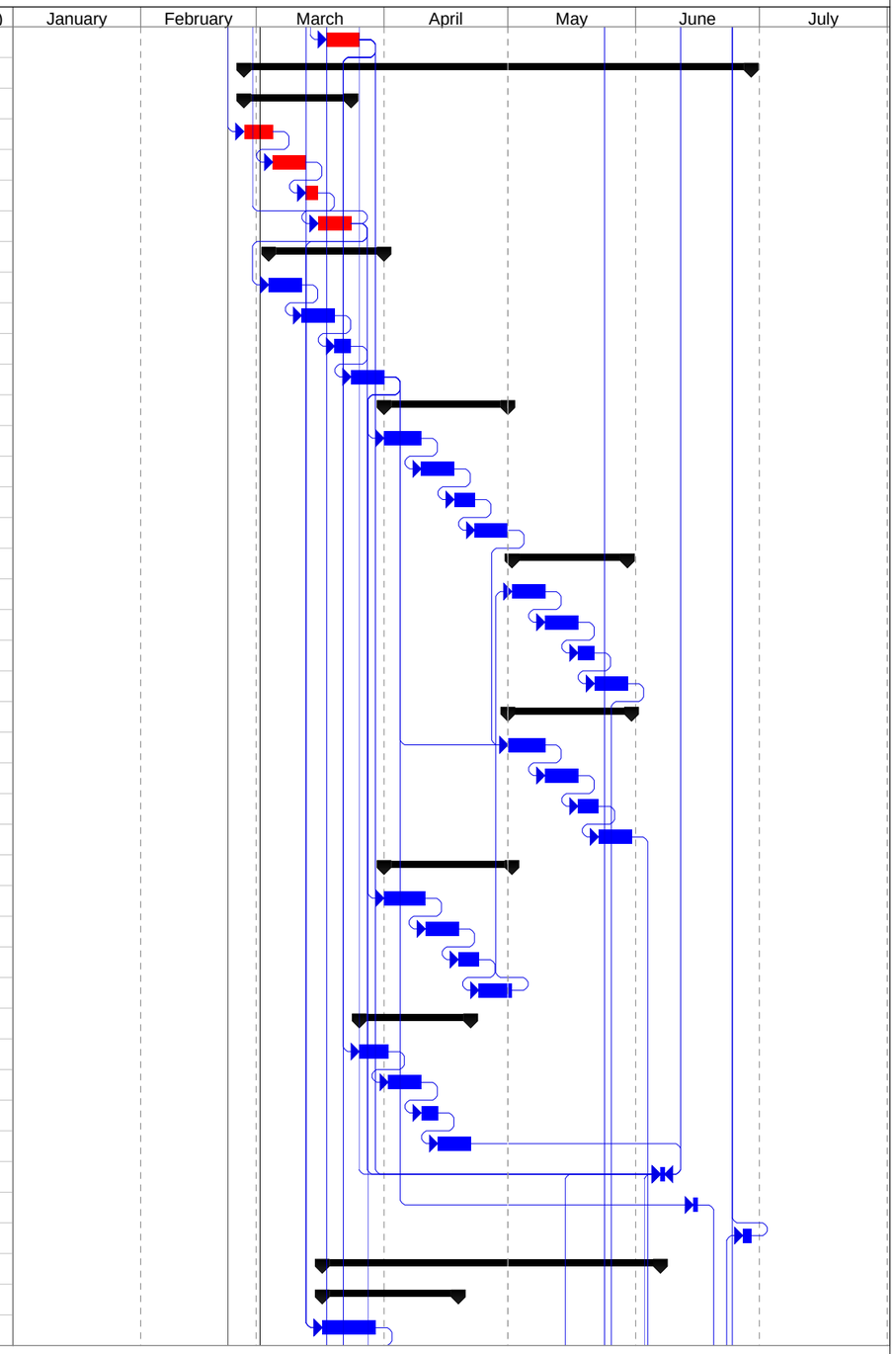
60	B-H-10-5-16	Material Take-Off (Client Approval)	8 days				96/1/5
61	B-H-11	Manufacturing Documents	123 days				
62	B-H-11-35	I/O Configuration List	26 days				
63	B-H-11-35-13	I/O Configuration List (IFC)	7 days				
64	B-H-11-35-14	I/O Configuration List (Client Comments)	8 days				
65	B-H-11-35-15	I/O Configuration List (IFA)	3 days				
66	B-H-11-35-16	I/O Configuration List (Client Approval)	8 days				
67	B-H-11-37	Control Panel Layout	28 days				
68	B-H-11-37-13	Control Panel Layout (IFC)	8 days				
69	B-H-11-37-14	Control Panel Layout (Client Comments)	8 days				
70	B-H-11-37-15	Control Panel Layout (IFA)	4 days				
71	B-H-11-37-16	Control Panel Layout (Client Approval)	8 days				
72	B-H-11-38	CP Power Distribution Sch	30 days				
73	B-H-11-38-13	CP Power Distribution Sch (IFC)	9 days				
74	B-H-11-38-14	CP Power Distribution Sch (Client Comments)	8 days				
75	B-H-11-38-15	CP Power Distribution Sch (IFA)	5 days				
76	B-H-11-38-16	CP Power Distribution Sch (Client Approval)	8 days				
77	B-H-11-36	Alarm List	28 days				
78	B-H-11-36-17	Alarm List (IFC)	8 days				
79	B-H-11-36-18	Alarm List (Client Comments)	8 days				
80	B-H-11-36-19	Alarm List (IFA)	4 days				
81	B-H-11-36-20	Alarm List (Client Approval)	8 days				
82	B-H-11-39	Panel Circuit Diagram	30 days				
83	B-H-11-39-13	Panel Circuit Diagram (IFC)	9 days				
84	B-H-11-39-14	Panel Circuit Diagram (Client Comments)	8 days				
85	B-H-11-39-15	Panel Circuit Diagram (IFA)	5 days				
86	B-H-11-39-16	Panel Circuit Diagram (Client Approval)	8 days				
87	B-H-11-40	Control Panel Termination	31 days				
88	B-H-11-40-13	Panel Termination (IFC)	10 days				
89	B-H-11-40-14	Panel Termination (Client Comments)	8 days				
90	B-H-11-40-15	Panel Termination (IFA)	5 days				
91	B-H-11-40-16	Panel Termination (Client Approval)	8 days				
92	B-H-11-41	FAT Procedure	27 days				
93	B-H-11-41-13	FAT Procedure (IFC)	7 days				
94	B-H-11-41-14	FAT Procedure (Client Comments)	8 days				
95	B-H-11-41-15	FAT Procedure (IFA)	4 days				
96	B-H-11-41-16	FAT Procedure (Client Approval)	8 days				
97	B-H-11-42	FAT Punch List (IFI)	1 day				
98	B-H-11-43	Packing List (IFI)	1 day				
99	B-H-11-45	Vendor Final Book	2 days				
100	B-H-12	Software Documents	82 days				
101	B-H-12-13	Serial Link I/O Configuration	33 days				
102	B-H-12-13-13	Serial Link I/O Configuration (IFC)	13 days				



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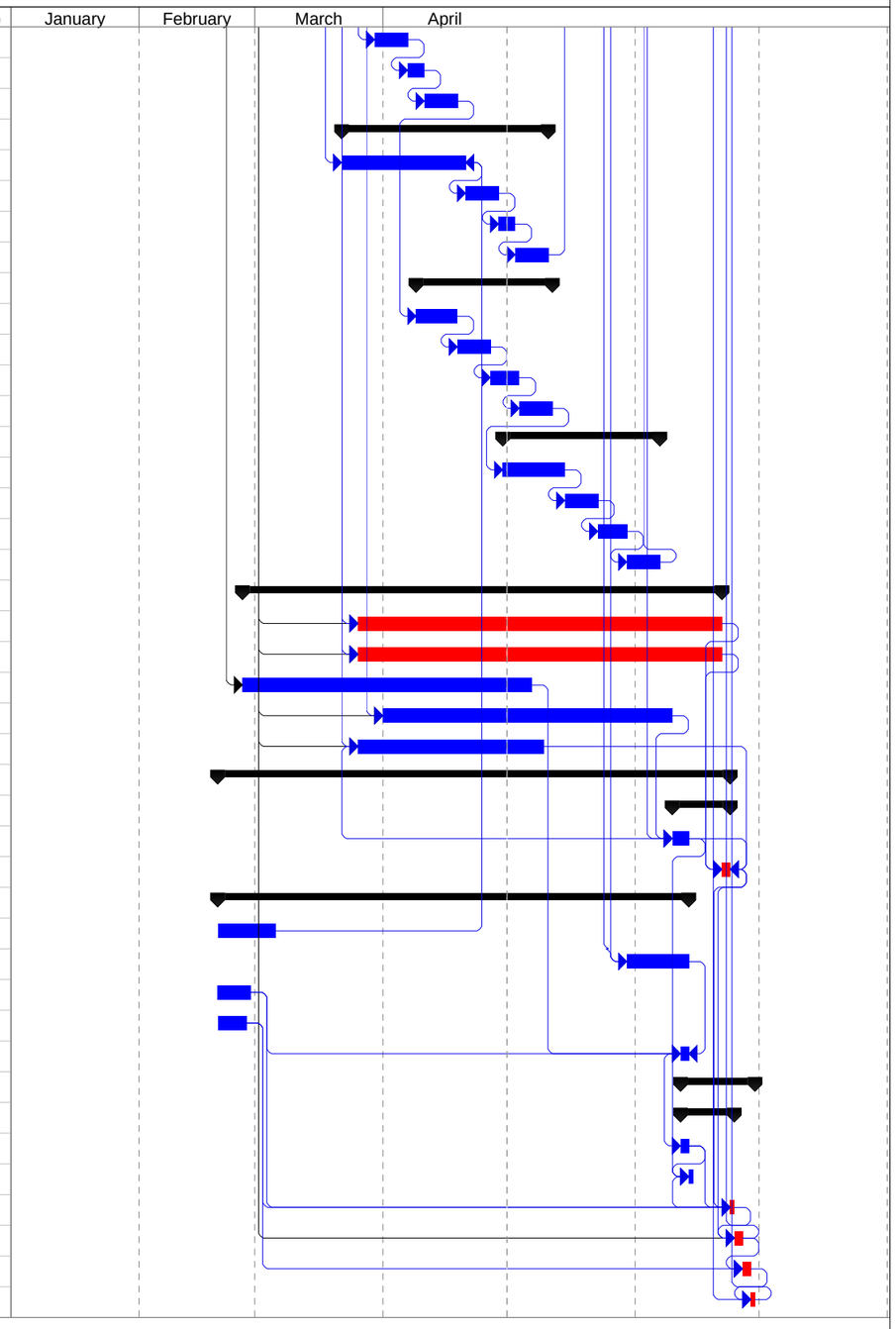
103	B-H-12-13-14	Serial Link I/O Configuration (Client Comments)	8 days				
104	B-H-12-13-15	Serial Link I/O Configuration (IFA)	4 days				
105	B-H-12-13-16	Serial Link I/O Configuration (Client Approval)	8 days				
106	B-H-12-14	HMI Graphic Display	50 days				
107	B-H-12-14-13	HMI Graphic Display (IFC)	30 days				
108	B-H-12-14-14	HMI Graphic Display (Client Comments)	8 days				
109	B-H-12-14-15	HMI Graphic Display (IFA)	4 days				
110	B-H-12-14-16	HMI Graphic Display (Client Approval)	8 days				
111	B-H-12-15	Function Block Diagram	33 days				
112	B-H-12-15-13	Function Block Diagram (IFC)	10 days				
113	B-H-12-15-14	Function Block Diagram (Client Comments)	8 days				
114	B-H-12-15-15	Function Block Diagram (IFA)	7 days				
115	B-H-12-15-16	Function Block Diagram (Client Approval)	8 days				
116	B-H-12-16	Detail Logic Diagrams	38 days				
117	B-H-12-16-13	Detail Logic Diagrams (IFC)	15 days				
118	B-H-12-16-14	Detail Logic Diagrams (Client Comments)	8 days				
119	B-H-12-16-15	Detail Logic Diagrams (IFA)	7 days				
120	B-H-12-16-16	Detail Logic Diagrams (Client Approval)	8 days				
121	C	PROCUREMENT	116 days				
122	C-A	Purchasing - Hima	88 days				
123	C-B	Purchasing - Isolator Barriers	88 days				
124	C-C	Purchasing - IPC	70 days				
125	C-D	Panel Body Purchasing	70 days				
126	C-E	Other (Bulk) Material Purchasing	45 days				
127	D	SYSTEM INTEGRATION	124 days				
128	D-A	Fabrication	14 days				
129	D-A-1	First Stage of Fabrication	4 days				
130	D-A-2	Completion of Fabrication	2 days				
131	D-B	Program & Configuration	114 days				
132	D-B-1	Plant Hierarchy	14 days				
133	D-B-2	Alarm & Event System	15 days				
134	D-B-3	NetWorking & Logic Software Programming	8 days				
135	D-B-4	MODBUS Network Prgramming	7 days				
136	D-B-5	HMI Final Configuration	2 days				
137	E	TESTS AND PACKING	18 days				
138	E-B	Pre-FAT	13 days				
139	E-B-1	HMI & Control Software Primary Test	2 days				
140	E-B-2	Panel Wiring from Terminals to Controller Test	1 day				
141	E-B-3	Logic Test & Control Sequences	1 day				
142	E-C	FAT	2 days				
143	E-E	SIT	2 days				
144	E-D	Packing	1 day				



Task		Summary		Inactive Task		Duration-only		Finish-only	
Critical		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
Split		External Tasks		Inactive Summary		Manual Summary		Deadline	
Milestone		External Milestone		Manual Task		Start-only	