

TABLE OF CONTENTS

PREFACE.....	9
OVERVIEW	9
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	11
CHAPTER #1: ADPM™ OVERVIEW	12
SUMMARY.....	12
CROSS-FUNCTIONAL PROJECTS	13
SKILLS FOR CROSS-FUNCTIONAL PROJECT MANAGEMENT	14
STRATEGIC PLANNING & POSITIONING.....	15
ACHIEVEMENT-DRIVEN PROJECT MANAGEMENT	17
THE PMBOK® AND BEYOND	20
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	21
CHAPTER #2: DYNAMIC MODELS.....	22
OVERVIEW	22
BROADBRUSH PROJECT PLANNING.....	23
BROADBRUSH PLANNING COMPONENTS.....	30
MEASURE OF SUCCESS AND CONSTRAINTS	35
HIGH-LEVEL ACHIEVEMENT NETWORK (REQUIREMENTS)	35
SCOPE AND ASSUMPTIONS SUMMARIZED IN THE BROADBRUSH PLAN	38
PROJECT CHARTER: AUTHORITY STRUCTURE	39
WORK BREAKDOWN STRUCTURE	41
SOFTWARE TECHNIQUES	43
SUMMARY & SUBTASKS	48
PREDECESSOR RELATIONSHIPS.....	49
ASSIGNING RESOURCES	56
BUDGETS & SCHEDULES	66
CALENDARS	67
CRITICAL PATH	70
SLACK & DELAY	71
RESOURCE UTILIZATION	72
TRACKING ACTUAL RESULTS.....	72
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	77
CHAPTER #3: STRATEGIC BUSINESS RESULTS.....	78
OVERVIEW	78
FAST FOOD PROJECT MANAGEMENT REVISITED	80
STRATEGIC ACCOUNT MANAGEMENT	81
ENTERPRISE PROJECT MANAGEMENT.....	83
ECHELONS OF ACHIEVEMENT	83

THE ACTIVITY TRAP: SPECIFICATIONS VERSUS END RESULTS	90
STRATEGIC PROJECT POSITIONING	91
POSITIONING ELEMENTS	92
DECISION-MAKERS	96
PERFORMANCE PRESSURES	99
BUYING PERCEPTIONS	100
POSITION ANALYSIS	103
STRATEGIC OYSTER	106
ADDING TO OUR POSITIONING INFORMATION	108
POSITIONING STRATEGY	109
REACHING HIGHER	111
PLANNING WITH EXECUTIVE DECISION-MAKERS	114
PLANNING SESSION TACTICS.....	116
OPENING AT THE RIGHT LEVEL	117
REACHING FOR THE STRATEGIC BUSINESS RESULT	117
ACTIVITY TRAP INVITATION #2: ESTABLISHING TRADE-OFFS	118
BUYING PERCEPTION ADJUSTMENT.....	119
THIS PROJECT’S TOO BIG AND OUTSIDE YOUR BUSINESS	119
DETAILING DOWN.....	119
ENDING THE SESSION AND SETTING UP ACCESS FOR THE NEXT ONE.....	121
ADDING TO THE OYSTER.....	121
REACHING FOR HIGHER-LEVEL DECISION-MAKERS	122
INFLUENCES OUTSIDE THE PM’S CONTROL	123
AMOUNT OF ORGANIZATIONAL CHANGE	123
CHAPTER SUMMARY	123
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	124

CHAPTER #4: REQUIREMENTS, CHARTER & CHANGE CONTROL..... 125

OVERVIEW	125
DESIGNING THE REQUIREMENTS NETWORK.....	131
EXPANDING A THREAD	132
MOST™ AND HIGH-LEVEL ACHIEVEMENTS(HLA’S).....	136
EXPANDING THE THREAD	137
REQUIREMENTS NETWORK WITH THREE LEVELS COMPLETE	140
GOING TO THE FOURTH LEVEL	143
COMPLETED NETWORK.....	146
INCORPORATING METHODOLOGY CONTROLS	147
ACHIEVEMENT NETWORK INTO WORK BREAKDOWN STRUCTURE.....	148
PROJECT CHARTER	148
PROJECT AUTHORITY AND ACCOUNTABILITY	150
CROSS-FUNCTIONAL PROJECTS: THE PAIN AND THE JOY	152
LINE MANAGERS AND CROSS-FUNCTIONAL AUTHORITY	153
WHY LINE MANAGERS HATE PROJECT MANAGERS.....	153
PROJECT MANAGER’S FANTASY AUTHORITY.....	154
BALANCING FACTORS.....	156
RANGE OF CROSS-FUNCTIONAL AUTHORITY.....	157
MATRIX MANAGEMENT	160
DESIGNING AUTHORITY & ACCOUNTABILITY RELATIONSHIP	162

THE AUTHORITY MAPPING	165
CHANGE CONTROL PROCESSES	166
MEASURED ACHIEVEMENTS TO THE RESCUE	168
STRATEGIC PRESENTATION.....	169
CHAPTER SUMMARY	169
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	169

CHAPTER #5: WORK ESTIMATING & COMMITMENT..... 170

OVERVIEW	170
GAMES AND COMMITMENT.....	171
WHERE WE ARE IN THE PROCESS.....	172
WHY WE ENGAGE OUR TEAM IN ESTIMATING & RISK ASSESSMENT	172
WEBSITE PROJECT: DRAFT SCHEDULE	173
WHY ESTIMATE WORK?.....	174
PROS AND CONS OF SCHEDULING WITH WORK VS DATES	177
WORK ESTIMATING PROCESS	178
WORK STATISTICS.....	179
THREE WORK ESTIMATES.....	181
SWAG ESTIMATES.....	182
PRODUCTION STANDARDS.....	186
DELPHI ESTIMATES	188
CREATING A COMMON PERSPECTIVE ON THE TASK	188
OPTIMISTIC AND PESSIMISTIC FACTORS	189
GENERATING THE ESTIMATES.....	190
DELPHI EXAMPLE.....	191
SUMMARY OF WORK ESTIMATING TECHNIQUES.....	193
WHICH TECHNIQUE DO WE USE?.....	195
RISK ESTIMATING TEMPLATE.....	197
STATISTICAL CALCULATIONS	198
STATISTICS WITHOUT THEOREMS.....	199
STANDARDIZED NORMAL DEVIATES.....	201
CONFIDENCE LEVELS.....	203
RISK ASSESSMENT	204
CRITICAL PATH IN OUR DRAFT SCHEDULE	206
SLACK ON OUR HIGH-RISK TASKS.....	207
FRONT LOADING RESOURCES	208
MITIGATION STRATEGIES.....	209
SUMMARY.....	211
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	212

CHAPTER #6: HIGH PERFORMANCE PROJECT TEAMS..... 213

OVERVIEW	213
WHAT ARE HIGH-PERFORMANCE TEAMS?	216
INTRINSIC MOTIVATION	219
ASSIGNMENT DESIGN	220
TEAM MEMBER CAPABILITY	221
CAPABILITY, PROBLEM-SOLVING, EXPERIENCE AND STANDARDS	222

WAYS OF DEALING WITH COMPLEXITY	225
LOCUS OF CONTROL.....	226
ASSIGNMENT MATRIX.....	227
INTRINSIC MOTIVATION	228
INCENTIVE MOTIVATION	229
PRE-EXISTING.....	231
PUBLIC.....	232
EARNED.....	233
LEGITIMATE	234
VALUED	235
INCENTIVE MOTIVATION	236
MOTIVATIONAL GRID, MICRO-MANAGEMENT & LOW-LEVEL AUTHORITY.....	236
MOTIVATIONAL OPPORTUNITIES.....	237
LEADERSHIP AND MICRO-MANAGEMENT.....	238
CONTROLLING LEADERSHIP BEHAVIOR	239
MOMENT OF TRUTH #1 – REVERT TO MICRO-MANAGEMENT	239
MOMENT OF TRUTH #2 – ENCOURAGING BAD NEWS.....	240
PROJECT TEAM CULTURE	240
SCHEMA	242
BUILDING A TEAM CULTURE	243
MEASURING CULTURE	244
CIRCUMPLEX.....	245
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	246

CHAPTER #7:“FOUR CORNERS” TRADE-OFFS **247**

OVERVIEW	247
FINE-TUNING.....	249
AUTHORITY STRUCTURE	254
PROJECT CHARTER AND CHANGE CONTROL.....	255
WEB PROJECT SUMMARY	256
REVISED PLAN	258
NEW CRITICAL PATH	259
DELAY	260
SLACK	262
RESOURCE UTILIZATION	263
TRADE-OFFS.....	264
SOFTWARE STEPS.....	266
APPROVAL PROCESS	267
ESTABLISHING THE PROCESS	267
DURATION TRADE-OFFS.....	268
ADDING LEADS TO REDUCE THE DURATION	274
BUDGET TRADE-OFFS	277
RISK TRADE-OFFS	282
HIGH-RISK ASSIGNMENTS	284
SLACK INSURANCE.....	285
FRONT LOADING RESOURCES.....	287
ACHIEVEMENT TRADE-OFFS	287
PROJECT APPROVAL PROCESSES.....	289

EXECUTIVE FANTASY LAND	290
THE EAGER PUPPY DOG	290
THE USED CAR LOT	290
SAVAGE BEAST	291
SUMMARY & OUR END RESULT	292
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	293

CHAPTER #8: TRACKING & REPORTING 294

OVERVIEW	294
STATUS REPORTING	296
“4-CORNERS” STATUS REPORTS	299
OUR WEB PROJECT	300
FIRST STATUS REPORTING CYCLE.....	301
EARNED VALUE	303
STATUS REPORT TWO	306
TRACKING GANTT WEEK 2.....	307
EARNED VALUE TABLE WEEK 2.....	309
CHANGE IN SCOPE	312
CRITICAL PATH OVER-RUN	314
ADDING RESOURCES	316
WEEK THREE OF THE PROJECT	317
ANOTHER CALL.....	318
WHERE OUR PROJECT STANDS	320
PROJECT CLOSE-OUT AND LESSONS LEARNED.....	321
PM PERFORMANCE DEVELOPING THE TEAM	322
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	323

CHAPTER #9: ENTERPRISE PROJECT MANAGEMENT 324

OVERVIEW	324
ENTERPRISE MODEL	328
ASSESSING THE PORTFOLIO OF PROJECTS.....	329
PROJECT DENSITY	330
TIERS OF PROJECT MANAGEMENT	331
PORTFOLIO CELLS.....	331
ALPHA TIER PORTFOLIO	333
BETA TIER PORTFOLIO.....	334
OMEGA TIER PORTFOLIO	335
DELTA TIER PORTFOLIO.....	336
THETA TIER PORTFOLIO.....	337
THE CONTROL TOWER	338
CONTROL TOWER SEQUENCE	339
FLIGHT PLANS FOR EVERY FLIGHT.....	340
PRE-FLIGHT	341
RADAR TRACKING	342
PORTFOLIO MANAGEMENT FOUNDATIONS.....	342
IMPLEMENTING THE EPM PROTOCOL.....	343
CROSS-FUNCTIONAL PROCESSES	343

PROJECT OFFICE FUNCTIONS	344
POSITIONING	344
PORTFOLIO MANAGEMENT PROCESS.....	345
PRIORITIZING TECHNIQUES.....	347
RESOURCE UTILIZATION	348
PORTFOLIO YIELD.....	349
STRATEGIC YIELD PORTFOLIO.....	351
MULTIPLE PROJECT TECHNIQUES.....	351
THE PROJECT-BASED ORGANIZATION.....	353
CONCLUSION.....	354
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	354
<u>SOFTWARE APPENDIX.....</u>	<u>355</u>
INSTRUCTIONS FOR MICROSOFT PROJECT® ‘98 THRU 2000	355
SETTING UP A PROJECT.....	355
CREATING TASKS, RESOURCES & PREDECESSORS	357
DATA ENTRY STEPS TO CREATE A PLAN.....	358
SETTING UP RESOURCES	360
ASSIGNING PEOPLE TO TASKS: WORK & UNITS	362
FINE-TUNING AND TRADE-OFFS.....	362
TRACKING ACTUAL RESULTS.....	365
SAVE THE BASELINE	366
CHANGE THE CURRENT DATE	367
ENTER ACTUAL RESULTS	367
ANALYZING VARIANCE.....	368
EARNED VALUE	368
TRACKING GANTT.....	369
VARIANCE TABLE	370
WWW.4PM.COM INTERACTIVE SUPPLEMENTS	371
ABOUT THE AUTHOR.....	372