



BOOK INFORMATION SHEET

TITLE

Planning and Control Using Oracle Primavera P6 Versions 8 to 20 PPM Professional

PUBLICATION DATE

31 January 2021

NAME OF AUTHOR

Paul E Harris

ISBN's, BINDING & FORMAT

ISBN 978-1-925185-78-2- Letter - Perfect
 ISBN 978-1-925185-79-9- Letter/A4 - Spiral
 ISBN 978-1-925185-74-4 - eBook

CONTENT

466 pages, 1112,000(approx) words,
 720 (approx) computer screen shots.

SUPERSEDED VERSIONS

ISBN 978-1-925185-78-2 supersedes 978-1-925185-72-0
 ISBN 978-1-925185-79-9 supersedes 978-1-925185-73-7
 ISBN 978-1-925185-80-5 supersedes 978-1-925185-74-4

SHORT DESCRIPTION ON FRONT COVER

A user guide and training manual written for Project Management Professionals who wish to learn how to plan and control projects in an established Primavera Enterprise environment with or without Resources and Roles.

SHORT DESCRIPTION OF SUBJECT MATTER

This book is an update of the author's Primavera P6 Version 8 to 19 book and contains information of the recent updates. The book has been written so it may be used with any software industry version.

READERSHIP

The book is packed with screen shots, constructive tips and contains workshops with solutions at the end of each chapter for the reader to practice the skills taught. It has been written so it may be used with either the Professional Project Management Client version or the Enterprise Project Portfolio Management Optional Client.

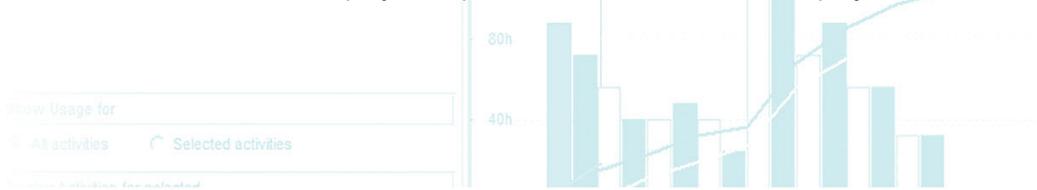
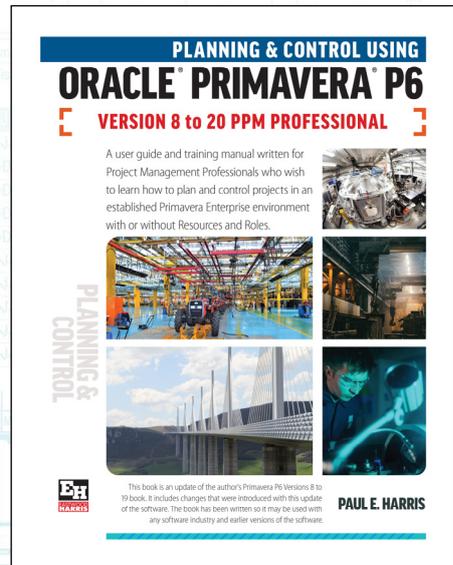
BACKGROUND ON BOOK

The book is aimed at:

1. People who wish learn the software but are unable to attend a training course and find the software reference manual hard going.
2. Project management companies who wish to run their own software training courses or provide their employees with an alternative text to the vendor supplied user manual.
3. Training organizations requiring a training manual to run their own training courses.

Primavera Systems Inc. originally asked the author to write this book and this publication is ideal for people who would like to gain an understanding of how the software operates up to an intermediate level. It covers only Primavera Versions 8, 15 and 16 Professional Client and Optional Client. It explains some of the differences from SureTrak, P3, Microsoft Project and Asta Powerproject to assist people converting form other products.

The book is designed to teach planners and schedulers in any industry how to setup and use the software in a project environment. It explains in plain English and in a logical sequence, the steps required to create and maintain an unresourced and resourced schedule. It tackles some of the more complex aspects of the software that the user manual does not address. It highlights the sources of information and the methods that should be employed to produce a realistic and useful project schedule.



Planning and Control Using Oracle® Primavera® P6

PPM Professional Versions 8 to 20 PPM Professional

BACKGROUND ON BOOK Continued

The book provides advice on how on how the many software options may be applied to projects environments and it aims to teach readers how to plan and control projects created within the software package and stays focused on explaining how to use Primavera to schedule projects by:

1. Concentrating on the core functions required to set up an enterprise environment and how to plan and control projects.
2. Providing command lists at the start of each chapter as a quick reference.
3. Providing a comprehensive table of contents and index of all topics.

The book is intended to be used:

1. As a self-teach book, or
2. A user guide, or
3. A training manual for a three-day training course.

This book is written by an experienced scheduler, who has used the software at the sharp end of projects and is not a techo. It draws on the author's practical experience in using the software in a wide variety of industries. It presents workable solutions to real day to day planning and scheduling problems and contains practical advice on how to set up the software and import data.

ABOUT THE AUTHOR

Paul Harris holds an Honours Degree in Civil Engineering obtained in the UK and is a Certified Cost Engineer through AACEI International, a PRINCE2 Registered Practitioner and a "Managing Successful Programmes" Registered Practitioner. He has worked in the project controls industry for a number of years and has assisted many companies in a range of industries to set up and run project controls systems. His Melbourne, Australia based company, Eastwood Harris Pty Ltd, offers project controls consulting and training services world wide with a strong focus on Microsoft Project and Primavera software.

AUTHOR'S COMMENT

As a project controls consultant I have used a number of planning and scheduling software packages for the management of a range of project types and sizes. The first books I published were user guides/training manuals for Primavera SureTrak®, P3 and Microsoft Project users. These were well received by professional project managers and schedulers, so I decided to turn my attention to developing books that demonstrated how the software is used with project management methodologies such as PRINCE2 and the *PMBOK® Guide*. This book follows the same layout as my other books and I trust this book will assist you in understanding how to use Primavera P6 to plan and control your projects.

SAMPLE POWERPOINT SLIDE SHOWS AND BOOKS

Sample instructor PowerPoint slide shows and sample books may be downloaded from the Eastwood Harris Pty Ltd web site at www.eh.com.au.

**Planning and Control Using Oracle® Primavera® P6
PPM Professional Versions 8 to 20 PPM Professional**

**TABLE OF
CONTENTS**

1	INTRODUCTION
2	CREATING A PROJECT PLAN
3	STARTING UP AND NAVIGATION
4	CREATING A NEW PROJECT
5	DEFINING CALENDARS
6	CREATING A PRIMAVERA PROJECT WBS
7	ADDING ACTIVITIES AND ORGANIZING UNDER THE WBS
8	FORMATTING THE DISPLAY
9	ADDING RELATIONSHIPS
10	ACTIVITY NETWORK VIEW
11	CONSTRAINTS
12	GROUP, SORT AND LAYOUTS
13	FILTERS
14	PRINTING, REPORTS AND VISUALIZER
15	SCHEDULING OPTIONS AND SETTING A BASELINE
16	UPDATING AN UNRESOURCED SCHEDULE
17	USER AND ADMINISTRATION PREFERENCES AND SCHEDULING OPTIONS
18	CREATING ROLES AND RESOURCES
19	ASSIGNING ROLES, RESOURCES AND EXPENSES
20	RESOURCE OPTIMIZATION
21	UPDATING A RESOURCED SCHEDULE
22	OTHER METHODS OF ORGANIZING PROJECT DATA
23	GLOBAL CHANGE
24	MANAGING THE ENTERPRISE ENVIRONMENT
25	MULTIPLE PROJECT SCHEDULING
26	UTILITIES
27	EARNED VALUE MANAGEMENT WITH P6
28	WHAT IS NEW IN P6 VERSIONS 8, 15, 16, 17, 18, 19 and 20
29	TOPICS NOT COVERED IN THIS PUBLICATION
30	INDEX

Planning and Control Using Oracle® Primavera® P6 PPM Professional Versions 8 to 20 PPM Professional

Reviewer:

Jan Hanak
Managing Director
Keen Science Pty Ltd

Review:

The latest release of the Oracle Primavera P6 PPM manual adds to the already impressive collection of project management concepts and project management software training manuals written by Paul Harris.

The Oracle Primavera P6 PPM manual expands the previous version of the book to create a comprehensive guide for creating and managing projects using the P6 PPM client. The book follows a logical approach to project schedule development, enabling the user to progress from the definition of project attributes, to the definition of WBS, activities and relationship, and the subsequent creation of resource assignment and the development of the project coding structures.

Common to other guides written by Paul, the manual allows the user to learn through self-paced training as well as allowing the content to be delivered in a classroom workshop environment. The extent of the material covered by the book ensures that the manual remains a source of useful reference even after the initial training has been completed.

Paul's many years of experience as project controls practitioner is reflected in the content of the book, with informative tips on the practical use of the software features incorporated throughout the book's chapters.

I recommend Paul's book to anyone who wants to enhance their knowledge about Oracle Primavera P6 application. The presence of Paul's books in many organisations focused on successful project delivery is recognition of their value to all project management practitioners.

Reviewer:

Tom Grant MSc BSc
Principal
TAG Consultancy

Review:

The P6 PPM Manual by Paul Harris is a well-crafted guide into the concepts and functionality of Oracle Primavera P6. The manual contains 30 chapters of essential information that P6 users will require to get the most out of this complex scheduling tool. It makes the critical distinction between planning and tracking a non-resourced and a resourced plan and explains the necessary processes in a clear and concise manner.

Most chapters are reinforced with a workshop and this gives students the all-important "hands on" time with the software. I believe that this is the best way to understand and learn a new software tool and the workshop data is practical and relevant.

The P6 topics are introduced in a logical manner that follows the PMBOK Project Lifecycle stages. Once the P6 interface is understood, the process of building a project is undertaken. The main deliverables are defined in the WBS, the work is broken down into activities, logic is added, calendars are defined and scheduling is undertaken. There are a considerable number of preferences and settings that influence the scheduling calculations and all are explained in a timely and precise fashion.

I have been teaching Primavera scheduling to a wide range of industries for over 10 years and I believe that Paul's training material offers the best combination of functional and practical training, delivered in a style that is easy to comprehend.