To Satisfy & Delight Your Customer

"The consistent focus on satisfying and delighting the customer is extremely important . . . and refreshing. . . . " -Jack M. Kantola, Trompeter Electronics

"QFD without pain. . . . Pardee has written a valuable and complete book on QFD. I plan to use this book as a guide to meeting my own customers' needs."

-Randy Rice, The Software Quality Advisor

"... very well written, insightful, and most importantly, useful. It is a very practical book."

-Ora Smith, CEO, Illinois Superconductor Co.

"... with eighteen years in research and development at Rockwell International's Science Center . . . I saw people from marketing, engineering, and manufacturing struggle with conflicting objectives such as salability, performance, and manufacturing cost without a way to find the best combination.

"In response, several colleagues and I began to look for better product design methods. We recognized many potential benefits from concurrent engineering.... Today, concurrent engineering has come to mean any development method in which a team designs product and process together to best meet all the issues that influence the customer during the product's life.

"In looking for effective ways to do concurrent engineering, I spent five weeks in 1989 as a guest at Fiat's Central Research Laboratory.... There I discovered a method called Quality Function Deployment (QFD).

"... QFD provided people in marketing, engineering, and manufacturing a systematic process to reach consensus on detailed decisions. It was the structure I sought for concurrent engineering.

"I believe in QFD more than ever, and I hope you will, too. . . . "

—from the preface

About the Author

William J. Pardee is a consul-**V** tant, trainer, and speaker on ways to improve the product development process and to create high-quality products that customers want. After a distinguished career in research and development that included 18 years at Rockwell International, he founded



Pardee Quality Methods to consult and teach full time.

Partial Contents

Introduction

OVERVIEW OF OUALITY FUNCTION DEPLOY-MENT • A CASE STUDY: THE CLUBCARIB GOLF COURSE

Part I: Executing the QFD Process

- Set and Monitor Goals
- Discover Customer Benefits
- Analyze Customer Benefits
- Quantify Customer Value
- Develop Design Criteria
- Link Design Criteria to Benefits
- Select Design Features
- Plan the Implementation

Part II: Managing the QFD Process

- Manage the Team
- Support the Process
- Starting Out

Part III: Extending QFD to Common Challenges

- Maximize the Value of a Product Line
- Delight Multiple Stakeholders
- Maximize Opportunities for Radically New Technology
- See the Forest and the Trees
- Manage a Team of Teams
- Conclusion

Appendix A: Mathematical

Description of OFD QUALITIES AND CUSTOMER VALUE • THE VALUE OF ACTIONS . COMPOSITE QUALI-TIES AND THEIR PROPERTIES . LINKS BETWEEN COMPOSITE QUALITIES

Appendix B: The Analytic Hierarchy Process in QFD

DETERMINING VALUES IN A HIERARCHY . APPROXIMATE EIGENVECTOR CALCULATION METHOD . RELATIONSHIP OF AHP TO OFD EXAMPLE: ESTIMATING MATERIAL WEIGHTS • EXAMPLE: AN APPROXIMATE EIGENVECTOR CALCULATION

Glossary

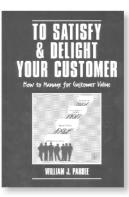
Bibliography

Index

To Satisfy & Delight Your Customer

How to Manage for Customer Value

by William J. Pardee



ISBN: 978-0-932633-35-4 ©1996 280 pages hardcover \$45.95 (includes \$6 UPS in US)

Revitalize Your Approach to Quality with Powerful OFD Techniques and an Extensive Case Study

Droduct development is hard, so hard that most new products fail to meet business goals. Quality Function Deployment (QFD) is a process for consistently developing successful products and services. At its core is the fundamental belief in achieving success through meeting your customer's needs better than anyone else.

This book explains how to do **L** QFD easily and effectively. It breaks down the complex, multistaged QFD process into easily understood tasks, starting with setting better business goals. Later chapters discuss the detailed development tasks, from discovering customer benefits through planning the implementation of the product or service, as well as the day-to-day

management tasks, which include planning, scheduling, reviewing, facilitating, and training. The lessons come alive as the author illustrates key concepts with a case study of the design and construction of a golf course in Mexico.

Tn the second part of the book, the Lauthor extends the OFD process into four common situations: managing a product line; satisfying stakeholders with very different concerns; selecting the best of numerous promising commercial applications of a new technology; and coordinating multiple teams without losing sight of the customer forest for the technology trees.

 \mathbf{T} ach component of the process is Eclearly explained so that readers can adapt QFD to their own world.

Read more about this book at http://www.dorsethouse.com/books/sdyc.html

