

CONTENTS



INTRODUCTION by Eric Lundberg	
WHAT TO MODEL AND WHY OPERATE IT? by Craig Bisgeier and Phil Monat	1
LAYOUT DESIGN FOR OPERATIONS by Byron Henderson	19
'THE CREW': YOUR OPERATING POSITIONS by Jim Providenza	45
FUNDAMENTALS OF FREIGHT OPERATIONS by Dave Clemens	59
PASSENGER OPERATIONS by Doug Matheson	101
YARD OPERATIONS by Phil Monat	141
CENTRALIZED TRAFFIC CONTROL & RAILROAD SIGNAL SYSTEMS by Michael J. Burgett and William J. Scheerer	169
AUTHORIZING TRAIN MOVEMENT by Steve King	201
MODEL RAILROAD COMMUNICATIONS by Seth Neumann	247
HOSTING AN OPERATING SESSION by Eric Lundberg & Detlef Kurpanek	275
AUTHOR BIOGRAPHIES	289