Contents

| bout This Manual i | | | | | | |
|--------------------|--|---------|--|--|--|--|
| Safety | | xi | | | | |
| Chapter 1 | OVERVIEW | 1–1 | | | | |
| 1.1 | OVERVIEW | 1–2 | | | | |
| 1.2 | ERROR CODE PROPERTIES | 1–3 | | | | |
| 1.2.1 | Overview | | | | | |
| 1.2.2 | Facility Name and Code | | | | | |
| 1.2.3 | Severity Descriptions | 1–12 | | | | |
| 1.2.4 | Error Message Text | 1–15 | | | | |
| Chapter 2 | ERROR RECOVERY | 2–1 | | | | |
| 2.1 | GENERAL ERROR RECOVERY PROCEDURES | 2–2 | | | | |
| 2.1.1 | Overview | | | | | |
| 2.1.2 | Overtravel Release | | | | | |
| 2.1.3 | Hand Breakage Recovery | | | | | |
| 2.1.4 | Pulse Coder Alarm Recovery | | | | | |
| 2.1.5 | Chain Failure Detection Error Recovery | | | | | |
| Chapter 3 | ERROR CODES | 3–1 | | | | |
| 3.1 | A | 3–4 | | | | |
| 3.1.1 | ACAL Alarm Code | 3–4 | | | | |
| 3.1.2 | APSH Alarm Code | 3-26 | | | | |
| 3.1.3 | ARC Alarm Code | 3-58 | | | | |
| 3.1.4 | ASBN Alarm Code | 3-90 | | | | |
| 3.1.5 | | 3-117 | | | | |
| 3.1.6 | | 3–118 | | | | |
| 3.2 | | 3–124 | | | | |
| 3.2.1 | | 3-124 | | | | |
| 3.2.2 | | 3–124 | | | | |
| | | | | | | |
| 3.3 | | 3-132 | | | | |
| 3.3.1 | | 3-132 | | | | |
| 3.3.2 | | 3–139 | | | | |
| 3.3.3 | | 3–145 | | | | |
| 3.3.4 | CNTR Alarm Code | 3 - 148 | | | | |
| 3.3.5 | COND Alarm Code | 3-151 | | | | |
| 3.3.6 | COPT Alarm Code | 3-152 | | | | |
| 3.3.7 | | 3-157 | | | | |
| 3.3.8 | CVIS Alarm Code | 3-197 | | | | |
| 3.4 | D | 3-308 | | | | |
| 3.4.1 | | 3–308 | | | | |

| 3.4.2 | DICT Alarm Code | 3-310 |
|----------------|-----------------|-------|
| 3.4.3 | DJOG Alarm Code | 3-317 |
| 3.4.4 | DMDR Alarm Code | |
| 3.4.5 | DMER Alarm Code | |
| 3.4.6 | DNET Alarm Code | |
| 3.4.7 | DTBR Alarm Code | |
| 3.4.8 | DX Alarm Code | |
| | | |
| 3.5 | E | |
| 3.5.1 | ELOG Alarm Code | 3-362 |
| 3.6 | F | 3-363 |
| 3.6.1 | FILE Alarm Code | 3-363 |
| 3.6.2 | FLPY Alarm Code | 3-378 |
| 3.6.3 | FRCE Alarm Code | 3-381 |
| 3.6.4 | FRSY Alarm Code | 3-439 |
| 3.6.5 | FXTL Alarm Code | 3-443 |
| 3.7 | Н | 3_465 |
| 3.7.1 | HOST Alarm Code | |
| 3.7.1 | HRTL Alarm Code | |
| | | |
| 3.8 | I | |
| 3.8.1 | IBSS Alarm Code | |
| 3.8.2 | ICRZ Alarm Code | |
| 3.8.3 | IFPN Alarm Code | |
| 3.8.4 | INTP Alarm Code | |
| 3.8.5 | IRPK Alarm Code | |
| 3.8.6 | ISD Alarm Code | |
| 3.8.7 | ISDT Alarm Code | 3–701 |
| 3.9 | J | 3-707 |
| 3.9.1 | JOG Alarm Code | |
| 2 10 | K | |
| 3.10 3.10.1 | | |
| 0.10.1 | KALM Alarm Code | |
| 3.11 | L | |
| 3.11.1 | LANG Alarm Code | |
| 3.11.2 | LECO Alarm Code | |
| 3.11.3 | LNTK Alarm Code | 3–731 |
| 3.11.4 | LSTP Alarm Code | 3–742 |
| 3.12 | M | 3_745 |
| 3.12.1 | MACR Alarm Code | |
| 3.12.2 | MARL Alarm Code | |
| 3.12.3 | MASI Alarm Code | 3–752 |
| 3.12.4 | MCTL Alarm Code | 3–759 |
| 3.12.5 | MEMO Alarm Code | 3–762 |
| 3.12.6 | MENT Alarm Code | 3–702 |
| 3.12.7 | MHND Alarm Code | 3–781 |
| 3.12.7 | MOTN Alarm Code | 3-800 |
| 3.12.9 | MUPS Alarm Code | 3-800 |
| | | |
| 3.13 | N | 3–881 |
| 3.13.1 | NCBN Alarm Code | 3–881 |
| 3.14 | 0 | 3-884 |
| 3.14.1 | OPTN Alarm Code | 3-884 |
| 3.14.2 | OS Alarm Code | 3-891 |
| 3 15 | | 3 803 |
| | | |

| 3.15.1 | PALL Alarm Code | 3-893 |
|---------|-----------------|--------|
| 3.15.2 | PALT Alarm Code | |
| 3.15.3 | PICK Alarm Code | |
| 3.15.4 | PMON Alarm Code | |
| | | |
| 3.15.5 | PNT1 Alarm Code | |
| 3.15.6 | PNT2 Alarm Code | 3–1110 |
| 3.15.7 | PRIO Alarm Code | 3–1239 |
| 3.15.8 | PROC Alarm Code | 3-1293 |
| 3.15.9 | PROF Alarm Code | 3-1294 |
| 3.15.10 | PROG Alarm Code | 3-1297 |
| 3.15.11 | PTPG Alarm Code | 3–1307 |
| 3.15.11 | PWD Alarm Code | 3–1307 |
| | | 3-1309 |
| 3.16 | Q | 3–1319 |
| 3.16.1 | QMGR Alarm Code | 3-1319 |
| 2 17 | D. | 2 1220 |
| 3.17 | R | 3–1320 |
| 3.17.1 | RIPE Alarm Code | 3–1320 |
| 3.17.2 | ROUT Alarm Code | 3–1324 |
| 3.17.3 | RPC Alarm Code | 3–1331 |
| 3.17.4 | RPM Alarm Code | 3-1333 |
| 3.17.5 | RRMC Alarm Code | 3-1335 |
| 3.17.6 | RTCP Alarm Code | 3–1339 |
| | | |
| 3.18 | S | 3–1342 |
| 3.18.1 | SCIO Alarm Code | 3–1342 |
| 3.18.2 | SDTL Alarm Code | 3-1344 |
| 3.18.3 | SEAL Alarm Code | 3-1358 |
| 3.18.4 | SENC Alarm Code | 3-1418 |
| 3.18.5 | SENS Alarm Code | 3–1419 |
| 3.18.6 | SHAP Alarm Code | 3–1421 |
| | | |
| 3.18.7 | SPOT Alarm Code | 3–1428 |
| 3.18.8 | SPRM Alarm Code | 3–1464 |
| 3.18.9 | SRIO Alarm Code | 3–1465 |
| 3.18.10 | SRVO Alarm Code | 3-1468 |
| 3.18.11 | SSPC Alarm Code | 3-1564 |
| 3.18.12 | SVGN Alarm Code | 3-1579 |
| 3.18.13 | SVTL Alarm Code | 3-1663 |
| 3.18.14 | SYST Alarm Code | 3–1665 |
| | | |
| 3.19 | T | 3–1711 |
| 3.19.1 | TAST Alarm Code | 3–1711 |
| 3.19.2 | TCPP Alarm Code | 3-1715 |
| 3.19.3 | TG Alarm Code | 3-1720 |
| 3.19.4 | THSR Alarm Code | 3-1724 |
| 3.19.5 | TJOG Alarm Code | 3–1733 |
| | | |
| 3.19.6 | TMAT Alarm Code | 3–1734 |
| 3.19.7 | TOOL Alarm Code | 3–1738 |
| 3.19.8 | TPIF Alarm Code | 3–1744 |
| 3.19.9 | TRAK Alarm Code | 3–1776 |
| 3.19.10 | TRSV Alarm Code | 3–1779 |
| 3.20 | V | 3-1786 |
| | | |
| 3.20.1 | VARS Alarm Code | 3–1786 |
| 3.21 | W | 3-1799 |
| 3.21.1 | WEAV Alarm Code | 3-1799 |
| 3.21.2 | WNDW Alarm Code | 3-1804 |
| | | |
| 3 22 | X | 3_1810 |

| | 3.22.1 | XMLF Alarm Code | 3–1810 |
|---------|--------|-----------------|---------|
| Glossar | у | | GL–1814 |
| Index | | | Index-1 |