

Rpt. 4c

Date of writing report 27th September, 1960

Received London

Port KOBE

No. FE8236

Survey held at Tamano, Japan

No. of visits 52

First date 11th Jan. 60 Last date 3rd August, 1960

RECD. Name of Ship
M.V. "NAGAOSAN MARU"
(Or Contract No. if name unknown)
Ship Built at
Tamano, JapanOwners Mitsui Steam Ship Co., Ltd.
(Or Consignees)

by Mitsui Shipbuilding & Eng. Co., Ltd. when 1960-8 Yard No. 641

Auxiliary Engines or Gas Turbines made at Tamano, Japan by - do - when 1960-8 Eng. Nos. 818, 819, 820

Total No. of sets and description (including type name) 2 sets Mitsui B&W 525MTBHK-40
1 set 525MTBH-40

INTERNAL COMBUSTION RECIPROCATING ENGINES. No. of cylinders per engine 5 Dia. of cylinders 245 mm Stroke 400 mm
2 or 4 stroke cycle 4 Maximum approved BHP 350 at 514 RPM Corresponding MIP 8.2 kg/cm² Maximum pressure 55 kg/cm²
Fuel Diesel oil Are cylinders arranged in Vee or other special formation? - If so, No. of
crankshafts per engine - Is engine of opposed piston type? - No. and type of mechanically driven scavenge pumps or blowers
per engine - No. of exhaust gas driven blowers or superchargers per engine 1 Is welded construction
used for: Bedplate? No Entablature? No Total internal volume of crankcase (if 20 cu. ft. or over) 77.5 ft³ No. and total area of
crankcase explosion relief devices 1-38 in² 2-56 in² Are flame guards or traps fitted? Yes Cooling medium for: Cylinders Fresh water
Pistons - No. of attached pumps: F.W. cooling - S.W. cooling - Lubricating oil 1 How is engine started? Compressed air

SHAFTING. Is a damper or detuner fitted? No No. of main bearings 6 Are bearings of ball or roller type? No Distance between
inner edges of bearings in way of cranks 315 mm. Crankshaft: Built, semi-built, solid. Material of crankshaft Forged & Cast steel
minimum tensile strength 44 kg/mm² Dia. of pins 170 mm. Journals 170 mm. Breadth of webs at mid throw 290 mm. Axial
thickness 90 mm. If shrunk, radial thickness around eyeholes 82.5 mm. Dia. of flywheel 1350 mm. Weight 1690 kgs. Are balance
weights fitted? Yes Total weight 183 kgs. Rad. of gyration 246 mm. Dia. of flywheel shaft -
Has each engine been tested in shop? Yes How long at full power? 4 hrs. Was it tested with driven machinery attached? Yes Was the
governing tested and found satisfactory? Yes Date of approval of torsional vibration characteristics (for engines of 150 BHP and over) 31-5-60
Date of approval of shafting 26-4-60 Identification marks on shafting No. M-CK402 No. M-CK403 No. M-CK404 No. M-CK405 No. M-CK406 No. M-CK407 No. M-CK408 No. M-CK409 No. M-CK410 No. M-CK411 No. M-CK412 No. M-CK413 No. M-CK414 No. M-CK415 No. M-CK416 No. M-CK417 No. M-CK418 No. M-CK419 No. M-CK420 No. M-CK421 No. M-CK422 No. M-CK423 No. M-CK424 No. M-CK425 No. M-CK426 No. M-CK427 No. M-CK428 No. M-CK429 No. M-CK430 No. M-CK431 No. M-CK432 No. M-CK433 No. M-CK434 No. M-CK435 No. M-CK436 No. M-CK437 No. M-CK438 No. M-CK439 No. M-CK440 No. M-CK441 No. M-CK442 No. M-CK443 No. M-CK444 No. M-CK445 No. M-CK446 No. M-CK447 No. M-CK448 No. M-CK449 No. M-CK450 No. M-CK451 No. M-CK452 No. M-CK453 No. M-CK454 No. M-CK455 No. M-CK456 No. M-CK457 No. M-CK458 No. M-CK459 No. M-CK460 No. M-CK461 No. M-CK462 No. M-CK463 No. M-CK464 No. M-CK465 No. M-CK466 No. M-CK467 No. M-CK468 No. M-CK469 No. M-CK470 No. M-CK471 No. M-CK472 No. M-CK473 No. M-CK474 No. M-CK475 No. M-CK476 No. M-CK477 No. M-CK478 No. M-CK479 No. M-CK480 No. M-CK481 No. M-CK482 No. M-CK483 No. M-CK484 No. M-CK485 No. M-CK486 No. M-CK487 No. M-CK488 No. M-CK489 No. M-CK490 No. M-CK491 No. M-CK492 No. M-CK493 No. M-CK494 No. M-CK495 No. M-CK496 No. M-CK497 No. M-CK498 No. M-CK499 No. M-CK500 No. M-CK501 No. M-CK502 No. M-CK503 No. M-CK504 No. M-CK505 No. M-CK506 No. M-CK507 No. M-CK508 No. M-CK509 No. M-CK510 No. M-CK511 No. M-CK512 No. M-CK513 No. M-CK514 No. M-CK515 No. M-CK516 No. M-CK517 No. M-CK518 No. M-CK519 No. M-CK520 No. M-CK521 No. M-CK522 No. M-CK523 No. M-CK524 No. M-CK525 No. M-CK526 No. M-CK527 No. M-CK528 No. M-CK529 No. M-CK530 No. M-CK531 No. M-CK532 No. M-CK533 No. M-CK534 No. M-CK535 No. M-CK536 No. M-CK537 No. M-CK538 No. M-CK539 No. M-CK540 No. M-CK541 No. M-CK542 No. M-CK543 No. M-CK544 No. M-CK545 No. M-CK546 No. M-CK547 No. M-CK548 No. M-CK549 No. M-CK550 No. M-CK551 No. M-CK552 No. M-CK553 No. M-CK554 No. M-CK555 No. M-CK556 No. M-CK557 No. M-CK558 No. M-CK559 No. M-CK560 No. M-CK561 No. M-CK562 No. M-CK563 No. M-CK564 No. M-CK565 No. M-CK566 No. M-CK567 No. M-CK568 No. M-CK569 No. M-CK570 No. M-CK571 No. M-CK572 No. M-CK573 No. M-CK574 No. M-CK575 No. M-CK576 No. M-CK577 No. M-CK578 No. M-CK579 No. M-CK580 No. M-CK581 No. M-CK582 No. M-CK583 No. M-CK584 No. M-CK585 No. M-CK586 No. M-CK587 No. M-CK588 No. M-CK589 No. M-CK590 No. M-CK591 No. M-CK592 No. M-CK593 No. M-CK594 No. M-CK595 No. M-CK596 No. M-CK597 No. M-CK598 No. M-CK599 No. M-CK600 No. M-CK601 No. M-CK602 No. M-CK603 No. M-CK604 No. M-CK605 No. M-CK606 No. M-CK607 No. M-CK608 No. M-CK609 No. M-CK610 No. M-CK611 No. M-CK612 No. M-CK613 No. M-CK614 No. M-CK615 No. M-CK616 No. M-CK617 No. M-CK618 No. M-CK619 No. M-CK620 No. M-CK621 No. M-CK622 No. M-CK623 No. M-CK624 No. M-CK625 No. M-CK626 No. M-CK627 No. M-CK628 No. M-CK629 No. M-CK630 No. M-CK631 No. M-CK632 No. M-CK633 No. M-CK634 No. M-CK635 No. M-CK636 No. M-CK637 No. M-CK638 No. M-CK639 No. M-CK640 No. M-CK641 No. M-CK642 No. M-CK643 No. M-CK644 No. M-CK645 No. M-CK646 No. M-CK647 No. M-CK648 No. M-CK649 No. M-CK650 No. M-CK651 No. M-CK652 No. M-CK653 No. M-CK654 No. M-CK655 No. M-CK656 No. M-CK657 No. M-CK658 No. M-CK659 No. M-CK660 No. M-CK661 No. M-CK662 No. M-CK663 No. M-CK664 No. M-CK665 No. M-CK666 No. M-CK667 No. M-CK668 No. M-CK669 No. M-CK670 No. M-CK671 No. M-CK672 No. M-CK673 No. M-CK674 No. M-CK675 No. M-CK676 No. M-CK677 No. M-CK678 No. M-CK679 No. M-CK680 No. M-CK681 No. M-CK682 No. M-CK683 No. M-CK684 No. M-CK685 No. M-CK686 No. M-CK687 No. M-CK688 No. M-CK689 No. M-CK690 No. M-CK691 No. M-CK692 No. M-CK693 No. M-CK694 No. M-CK695 No. M-CK696 No. M-CK697 No. M-CK698 No. M-CK699 No. M-CK700 No. M-CK701 No. M-CK702 No. M-CK703 No. M-CK704 No. M-CK705 No. M-CK706 No. M-CK707 No. M-CK708 No. M-CK709 No. M-CK710 No. M-CK711 No. M-CK712 No. M-CK713 No. M-CK714 No. M-CK715 No. M-CK716 No. M-CK717 No. M-CK718 No. M-CK719 No. M-CK720 No. M-CK721 No. M-CK722 No. M-CK723 No. M-CK724 No. M-CK725 No. M-CK726 No. M-CK727 No. M-CK728 No. M-CK729 No. M-CK730 No. M-CK731 No. M-CK732 No. M-CK733 No. M-CK734 No. M-CK735 No. M-CK736 No. M-CK737 No. M-CK738 No. M-CK739 No. M-CK740 No. M-CK741 No. M-CK742 No. M-CK743 No. M-CK744 No. M-CK745 No. M-CK746 No. M-CK747 No. M-CK748 No. M-CK749 No. M-CK750 No. M-CK751 No. M-CK752 No. M-CK753 No. M-CK754 No. M-CK755 No. M-CK756 No. M-CK757 No. M-CK758 No. M-CK759 No. M-CK760 No. M-CK761 No. M-CK762 No. M-CK763 No. M-CK764 No. M-CK765 No. M-CK766 No. M-CK767 No. M-CK768 No. M-CK769 No. M-CK770 No. M-CK771 No. M-CK772 No. M-CK773 No. M-CK774 No. M-CK775 No. M-CK776 No. M-CK777 No. M-CK778 No. M-CK779 No. M-CK780 No. M-CK781 No. M-CK782 No. M-CK783 No. M-CK784 No. M-CK785 No. M-CK786 No. M-CK787 No. M-CK788 No. M-CK789 No. M-CK790 No. M-CK791 No. M-CK792 No. M-CK793 No. M-CK794 No. M-CK795 No. M-CK796 No. M-CK797 No. M-CK798 No. M-CK799 No. M-CK800 No. M-CK801 No. M-CK802 No. M-CK803 No. M-CK804 No. M-CK805 No. M-CK806 No. M-CK807 No. M-CK808 No. M-CK809 No. M-CK810 No. M-CK811 No. M-CK812 No. M-CK813 No. M-CK814 No. M-CK815 No. M-CK816 No. M-CK817 No. M-CK818 No. M-CK819 No. M-CK820 No. M-CK821 No. M-CK822 No. M-CK823 No. M-CK824 No. M-CK825 No. M-CK826 No. M-CK827 No. M-CK828 No. M-CK829 No. M-CK830 No. M-CK831 No. M-CK832 No. M-CK833 No. M-CK834 No. M-CK835 No. M-CK836 No. M-CK837 No. M-CK838 No. M-CK839 No. M-CK840 No. M-CK841 No. M-CK842 No. M-CK843 No. M-CK844 No. M-CK845 No. M-CK846 No. M-CK847 No. M-CK848 No. M-CK849 No. M-CK850 No. M-CK851 No. M-CK852 No. M-CK853 No. M-CK854 No. M-CK855 No. M-CK856 No. M-CK857 No. M-CK858 No. M-CK859 No. M-CK860 No. M-CK861 No. M-CK862 No. M-CK863 No. M-CK864 No. M-CK865 No. M-CK866 No. M-CK867 No. M-CK868 No. M-CK869 No. M-CK870 No. M-CK871 No. M-CK872 No. M-CK873 No. M-CK874 No. M-CK875 No. M-CK876 No. M-CK877 No. M-CK878 No. M-CK879 No. M-CK880 No. M-CK881 No. M-CK882 No. M-CK883 No. M-CK884 No. M-CK885 No. M-CK886 No. M-CK887 No. M-CK888 No. M-CK889 No. M-CK890 No. M-CK891 No. M-CK892 No. M-CK893 No. M-CK894 No. M-CK895 No. M-CK896 No. M-CK897 No. M-CK898 No. M-CK899 No. M-CK900 No. M-CK901 No. M-CK902 No. M-CK903 No. M-CK904 No. M-CK905 No. M-CK906 No. M-CK907 No. M-CK908 No. M-CK909 No. M-CK910 No. M-CK911 No. M-CK912 No. M-CK913 No. M-CK914 No. M-CK915 No. M-CK916 No. M-CK917 No. M-CK918 No. M-CK919 No. M-CK920 No. M-CK921 No. M-CK922 No. M-CK923 No. M-CK924 No. M-CK925 No. M-CK926 No. M-CK927 No. M-CK928 No. M-CK929 No. M-CK930 No. M-CK931 No. M-CK932 No. M-CK933 No. M-CK934 No. M-CK935 No. M-CK936 No. M-CK937 No. M-CK938 No. M-CK939 No. M-CK940 No. M-CK941 No. M-CK942 No. M-CK943 No. M-CK944 No. M-CK945 No. M-CK946 No. M-CK947 No. M-CK948 No. M-CK949 No. M-CK950 No. M-CK951 No. M-CK952 No. M-CK953 No. M-CK954 No. M-CK955 No. M-CK956 No. M-CK957 No. M-CK958 No. M-CK959 No. M-CK960 No. M-CK961 No. M-CK962 No. M-CK963 No. M-CK964 No. M-CK965 No. M-CK966 No. M-CK967 No. M-CK968 No. M-CK969 No. M-CK970 No. M-CK971 No. M-CK972 No. M-CK973 No. M-CK974 No. M-CK975 No. M-CK976 No. M-CK977 No. M-CK978 No. M-CK979 No. M-CK980 No. M-CK981 No. M-CK982 No. M-CK983 No. M-CK984 No. M-CK985 No. M-CK986 No. M-CK987 No. M-CK988 No. M-CK989 No. M-CK990 No. M-CK991 No. M-CK992 No. M-CK993 No. M-CK994 No. M-CK995 No. M-CK996 No. M-CK997 No. M-CK998 No. M-CK999 No. M-CK1000 No. M-CK1001 No. M-CK1002 No. M-CK1003 No. M-CK1004 No. M-CK1005 No. M-CK1006 No. M-CK1007 No. M-CK1008 No. M-CK1009 No. M-CK1010 No. M-CK1011 No. M-CK1012 No. M-CK1013 No. M-CK1014 No. M-CK1015 No. M-CK1016 No. M-CK1017 No. M-CK1018 No. M-CK1019 No. M-CK1020 No. M-CK1021 No. M-CK1022 No. M-CK1023 No. M-CK1024 No. M-CK1025 No. M-CK1026 No. M-CK1027 No. M-CK1028 No. M-CK1029 No. M-CK1030 No. M-CK1031 No. M-CK1032 No. M-CK1033 No. M-CK1034 No. M-CK1035 No. M-CK1036 No. M-CK1037 No. M-CK1038 No. M-CK1039 No. M-CK1040 No. M-CK1041 No. M-CK1042 No. M-CK1043 No. M-CK1044 No. M-CK1045 No. M-CK1046 No. M-CK1047 No. M-CK1048 No. M-CK1049 No. M-CK1050 No. M-CK1051 No. M-CK1052 No. M-CK1053 No. M-CK1054 No. M-CK1055 No. M-CK1056 No. M-CK1057 No. M-CK1058 No. M-CK1059 No. M-CK1060 No. M-CK1061 No. M-CK1062 No. M-CK1063 No. M-CK1064 No. M-CK1065 No. M-CK1066 No. M-CK1067 No. M-CK1068 No. M-CK1069 No. M-CK1070 No. M-CK1071 No. M-CK1072 No. M-CK1073 No. M-CK1074 No. M-CK1075 No. M-CK1076 No. M-CK1077 No. M-CK1078 No. M-CK1079 No. M-CK1080 No. M-CK1081 No. M-CK1082 No. M-CK1083 No. M-CK1084 No. M-CK1085 No. M-CK1086 No. M-CK1087 No. M-CK1088 No. M-CK1089 No. M-CK1090 No. M-CK1091 No. M-CK1092 No. M-CK1093 No. M-CK1094 No. M-CK1095 No. M-CK1096 No. M-CK1097 No. M-CK1098 No. M-CK1099 No. M-CK1100 No. M-CK1101 No. M-CK1102 No. M-CK1103 No. M-CK1104 No. M-CK1105 No. M-CK1106 No. M-CK1107 No. M-CK1108 No. M-CK1109 No. M-CK1110 No. M-CK1111 No. M-CK1112 No. M-CK1113 No. M-CK1114 No. M-CK1115 No. M-CK1116 No. M-CK1117 No. M-CK1118 No. M-CK1119 No. M-CK1120 No. M-CK1121 No. M-CK1122 No. M-CK1123 No. M-CK1124 No. M-CK1125 No. M-CK1126 No. M-CK1127 No. M-CK1128 No. M-CK1129 No. M-CK1130 No. M-CK1131 No. M-CK1132 No. M-CK1133 No. M-CK1134 No. M-CK1135 No. M-CK1136 No. M-CK1137 No. M-CK1138 No. M-CK1139 No. M-CK1140 No. M-CK1141 No. M-CK1142 No. M-CK1143 No. M-CK1144 No. M-CK1145 No. M-CK1146 No. M-CK1147 No. M-CK1148 No. M-CK1149 No. M-CK1150 No. M-CK1151 No. M-CK1152 No. M-CK1153 No. M-CK1154 No. M-CK1155 No. M-CK1156 No. M-CK1157 No. M-CK1158 No. M-CK1159 No. M-CK1160 No. M-CK1161 No. M-CK1162 No. M-CK1163 No. M-CK1164 No. M-CK1165 No. M-CK1166 No. M-CK1167 No. M-CK1168 No. M-CK1169 No. M-CK1170 No. M-CK1171 No. M-CK1172 No. M-CK1173 No. M-CK1174 No. M-CK1175 No. M-CK1176 No. M-CK1177 No. M-CK1178 No. M-CK1179 No. M-CK1180 No. M-CK1181 No. M-CK1182 No. M-CK1183 No. M-CK1184 No. M-CK1185 No. M-CK1186 No. M-CK1187 No. M-CK1188 No. M-CK1189 No. M-CK1190 No. M-CK1191 No. M-CK1192 No. M-CK1193 No. M-CK1194 No. M-CK1195 No. M-CK1196 No. M-CK1197 No. M-CK1198 No. M-CK1199 No. M-CK1200 No. M-CK1201 No. M-CK1202 No. M-CK1203 No. M-CK1204 No. M-CK1205 No. M-CK1206 No. M-CK1207 No. M-CK1208 No. M-CK1209 No. M-CK1210 No. M-CK1211 No. M-CK1212 No. M-CK1213 No. M-CK1214 No. M-CK1215 No. M-CK1216 No. M-CK1217 No. M-CK1218 No. M-CK1219 No. M-CK1220 No. M-CK1221 No. M-CK1222 No. M-CK1223 No. M-CK1224 No. M-CK1225 No. M-CK1226 No. M-CK1227 No. M-CK1228 No. M-CK1229 No. M-CK1230 No. M-CK1231 No. M-CK1232 No. M-CK1233 No. M-CK1234 No. M-CK1235 No. M-CK1236 No. M-CK1237 No. M-CK1238 No. M-CK1239 No. M-CK1240 No. M-CK1241 No. M-CK1242 No. M-CK1243 No. M-CK1244 No. M-CK1245 No. M-CK1246 No. M-CK1247 No. M-CK1248 No. M-CK1249 No. M-CK1250 No. M-CK1251 No. M-CK1252 No. M-CK1253 No. M-CK1254 No. M-CK1255 No. M-CK1256 No. M-CK1257 No. M-CK1258 No. M-CK1259 No. M-CK1260 No. M-CK1261 No. M-CK1262 No. M-CK1263 No. M-CK1264 No. M-CK1265 No. M-CK1266 No. M-CK1267 No. M-CK1268 No. M-CK1269 No. M-CK1270 No. M-CK1271 No. M-CK1272 No. M-CK1273 No. M-CK1274 No. M-CK1275 No. M-CK1276 No. M-CK1277 No. M-CK1278 No. M-CK1279 No. M-CK1280 No. M-CK1281 No. M-CK1282 No. M-CK1283 No. M-CK1284 No. M-CK1285 No. M-CK1286 No. M-CK1287 No. M-CK1288 No. M-CK1289 No. M-CK1290 No. M-CK1291 No. M-CK1292 No. M-CK1293 No. M-CK1294 No. M-CK1295 No. M-CK1296 No. M-CK1297 No. M-CK1298 No. M-CK1299 No. M-CK1300 No. M-CK1301 No. M-CK1302 No. M-CK1303 No. M-CK1304 No. M-CK1305 No. M-CK1306 No. M-CK1307 No. M-CK1308 No. M-CK1309 No. M-CK1310 No. M-CK1311 No. M-CK1312 No. M-CK1313 No. M-CK1314 No. M-CK1315 No. M-CK1316 No. M-CK1317 No. M-CK1318 No. M-CK1319 No. M-CK1320 No. M-CK1321 No. M-CK1322 No. M-CK1323 No. M-CK1324 No. M-CK1325 No. M-CK1326 No. M-CK1327 No. M-CK1328 No. M-CK1329 No. M-CK1330 No. M-CK1331 No. M-CK1332 No. M-CK1333 No. M-CK1334 No. M-CK1335 No. M-CK1336 No. M-CK1337 No. M-CK1338 No. M-CK1339 No. M-CK1340 No. M-CK1341 No. M-CK1342 No. M-CK1343 No. M-CK1344 No. M-CK1345 No. M-CK1346 No. M-CK1347 No. M-CK1348 No. M-CK1349 No. M-CK1350 No. M-CK1351 No. M-CK1352 No. M-CK1353 No. M-CK1354 No. M-CK1355 No. M-CK1356 No. M-CK1357 No. M-CK1358 No. M-CK1359 No. M-CK1360 No. M-CK1361 No. M-CK1362 No. M-CK1363 No. M-CK1364 No. M-CK1365 No. M-CK1366 No. M-CK1367 No. M-CK1368 No. M-CK1369 No. M-CK1370 No. M-CK1371 No. M-CK1372 No. M-CK1373 No. M-CK1374 No. M-CK1375 No. M-CK1376 No. M-CK1377 No. M-CK1378 No. M-CK1379 No. M-CK1380 No. M-CK1381 No. M-CK1382 No. M-CK1383 No. M-CK1384 No. M-CK1385 No. M-CK1386 No. M-CK1387 No. M-CK1388 No. M-CK1389 No. M-CK1390 No. M-CK1391 No. M-CK1392 No. M-CK1393 No. M-CK1394 No. M-CK1395 No. M-CK1396 No. M-CK1397 No. M-CK1398 No. M-CK1399 No. M-CK1400 No. M-CK1401 No. M-CK1402 No. M-CK1403 No. M-CK1404 No. M-CK1405 No. M-CK1406 No. M-CK1407 No. M-CK1408 No. M-CK1409 No. M-CK1410 No. M-CK1411 No. M-CK1412 No. M-CK1413 No. M-CK1414 No. M-CK1415 No. M-CK1416 No. M-CK1417 No. M-CK1418 No. M-CK1419 No. M-CK1420 No. M-CK1421 No. M-CK1422 No. M-CK1423 No. M-CK1424 No. M-CK1425 No. M-CK1426 No. M-CK1427 No. M-CK1428 No. M-CK1429 No. M-CK1430 No. M-CK1431 No. M-CK1432 No. M-CK1433 No. M-CK1434 No. M-CK1435 No. M-CK1436 No. M-CK1437 No. M-CK1438 No. M-CK1439 No. M-CK1440 No. M-CK1441 No. M-CK1442 No. M-CK1443 No. M-CK1444 No. M-CK1445 No. M-CK1446 No. M-CK1447 No. M-CK1448 No. M-CK1449 No. M-CK1450 No. M-CK1451 No. M-CK1452 No. M-CK1453 No. M-CK1454 No. M-CK1455 No. M-CK1456 No. M-CK1457 No. M-CK1458 No. M-CK1459 No. M-CK1460 No. M-CK1461 No. M-CK1462 No. M-CK1463 No. M-CK1464 No. M-CK1465 No. M-CK1466 No. M-CK1467 No. M-CK1468 No. M-CK1469 No. M-CK1470 No. M-CK1471 No. M-CK1472 No. M-CK1473 No. M-CK1474 No. M-CK1475 No. M-CK1476 No. M-CK1477 No. M-CK1478 No. M-CK1479 No. M-CK1480 No. M-CK1481 No. M-CK1482 No. M-CK1483 No. M-CK1484 No. M-CK1485 No. M-CK1486 No. M-CK1487 No. M-CK1488 No. M-CK1489 No. M-CK1490 No. M-CK1491 No. M-CK1492 No. M-CK1493 No. M-CK1494 No. M-CK1495 No. M-CK1496 No. M-CK1497 No. M-CK1498 No. M-CK1499 No. M-CK1500 No. M-CK1501 No. M-CK1502 No. M-CK1503 No. M-CK1504 No. M-CK1505 No. M-CK1506 No. M-CK1507 No. M-CK1508 No. M-CK1509 No. M-CK1510 No. M-CK1511 No. M-CK1512 No. M-CK1513 No. M-CK1514 No. M-CK1515 No. M-CK1516 No. M-CK1517 No. M-CK1518 No. M-CK1519 No. M-CK1520 No. M-CK1521 No. M-CK1522 No. M-CK1523 No. M-CK1524 No. M-CK1525 No. M-CK1526 No. M-CK1527 No. M-CK1528 No. M-CK1529 No. M-CK1530 No. M-CK1531 No. M-CK1532 No. M-CK1533 No. M-CK1534 No. M-CK1535 No. M-CK1536 No. M-CK1537 No. M-CK1538 No. M-CK1539 No. M-CK1540 No. M-CK1541 No. M-CK1542 No. M-CK1543 No. M-CK1544 No. M-CK1545 No. M-CK1546 No. M-CK1547 No. M-CK1548 No. M-CK1549 No. M-CK1550 No. M-CK1551 No. M-CK1552 No. M-CK1553 No. M-CK1554 No. M-CK1555 No. M-CK1556 No. M-CK1557 No. M-CK1558 No. M-CK1559 No. M-CK1560 No. M-CK1561 No. M-CK1562 No. M-CK1563 No. M-CK1564 No. M-CK1565 No. M-CK1566 No. M-CK1567 No. M-CK1568 No. M-CK1569 No. M-CK1570 No. M-CK1571 No. M-CK1572 No. M-CK1573 No. M-CK1574 No. M-CK1575 No. M-CK1576 No. M-CK1577 No. M-CK1578 No. M-CK1579 No. M-CK1580 No. M-CK1581 No. M-CK1582 No. M-CK1583 No. M-CK1584 No. M-CK1585 No. M-CK1586 No. M-CK1587 No. M-CK1588 No. M-CK1589 No. M-CK1590 No. M-CK1591 No. M-CK1592 No. M-CK1593 No. M-CK1594 No. M-CK1595 No. M-CK1596 No. M-CK1597 No. M-CK1598 No. M-CK1599 No. M-CK1600 No. M-CK1601 No. M-CK1602 No. M-CK1603 No. M-CK1604 No. M-CK1605 No. M-CK1606 No. M-CK1607 No. M-CK1608 No. M-CK1609 No. M-CK1610 No. M-CK1611 No. M-CK1612 No. M-CK1613 No. M-CK1614 No. M-CK1615 No. M-CK1616 No. M-CK1617 No. M-CK1618 No. M-CK1619 No. M-CK1620 No. M-CK1621 No. M-CK1622 No. M-CK1623 No. M-CK1624 No. M-CK1625 No. M-CK1626 No. M-CK1627 No. M-CK1628 No. M-CK1629 No. M-CK1630 No. M-CK1631 No. M-CK1632 No. M-CK1633 No. M-CK1634 No. M-CK1635 No. M-CK1636 No. M-CK1637 No. M-CK1638 No. M-CK1639 No. M-CK1640 No. M-CK1641 No. M-CK1642 No. M-CK1643 No. M-CK1644 No. M-CK1645 No. M-CK1646 No. M-CK1647 No. M-CK1648 No. M-CK1649 No. M-CK1650 No. M-CK1651 No. M-CK1652 No. M-CK1653 No. M-CK1654 No. M-CK1655 No. M-CK1656 No. M-CK1657 No. M-CK1658 No. M-CK1659 No. M-CK1660 No. M-CK1661 No. M-CK1662 No. M-CK1663 No. M-CK1664 No. M-CK1665 No. M-CK1666 No. M-CK1667 No. M-CK1668 No. M-CK1669 No. M-CK1670 No. M-CK1671 No. M-CK1672 No. M-CK1673 No. M-CK1674 No. M-CK1675 No. M-CK1676 No. M-CK1677 No. M-CK1678 No. M-CK1679 No. M-CK1680 No. M-CK1681 No. M-CK1682 No. M-CK1683 No. M-CK1684 No. M-CK1685 No. M-CK1686 No. M-CK1687 No. M-CK1688 No. M-CK1689 No. M-CK1690 No. M-CK1691 No. M-CK1692 No. M-CK1693 No. M-CK1694 No. M-CK1695 No. M-CK1696 No. M-CK1697 No. M-CK1698 No. M-CK1699 No. M-CK1700 No. M-CK1701 No. M-CK1702 No. M-CK