

Հավելված
Հայաստանի Հանրապետության հանրային
ծառայությունները կարգավորող հանձնաժողովի 2023
թվականի դեկտեմբերի --ի N°-Ա որոշման

«Հավելված
Հաստատված է Հայաստանի Հանրապետության
հանրային ծառայությունները կարգավորող հանձնաժողովի
2006 թվականի դեկտեմբերի 15-ի N°333Ա որոշմամբ

**«ՄՏՍ Հայաստան» փակ բաժնետիրական ընկերության կողմից
Հայաստանի Հանրապետության տարածքում ռադիոռելեային
կապի գծերի կազմակերպման համար ռադիոհաճախականու-
թյունների օգտագործման թույլտվության**

Պայմանները

**(Թույլտվություն N°0039, տրված Հայաստանի Հանրապետության
հանրային ծառայությունները կարգավորող հանձնաժողովի
2006 թվականի դեկտեմբերի 15-ի N°333Ա որոշմամբ)**

1. Սահմանումներ

1. Սույն թույլտվությունում օգտագործված հիմնական հասկացություններն են՝
 - 1) Հանձնաժողով՝ Հայաստանի Հանրապետության հանրային ծառայություն-
ները կարգավորող հանձնաժողով.
 - 2) Թույլտվություն ունեցող անձ կամ Կարգավորվող անձ՝ «ՄՏՍ Հայաստան»
փակ բաժնետիրական ընկերություն.
 - 3) Թույլտվություն՝ Հանձնաժողովի կողմից Կարգավորվող անձին տրված սույն
փաստաթուղթը, որը հավաստում է ռադիոհաճախականություններ
օգտագործելու նրա իրավունքը և պարտականությունը.
 - 4) Ֆորս մաժոր՝ արտակարգ և անկանխելի դեպքեր և հանգամանքներ,
որոնք ստեղծվել են Կարգավորվող անձի կամքից անկախ, ներառյալ
(սակայն չսահմանափակվելով դրանցով) բնական աղետները, բնության
ուժերի արտասովոր ուժեղ դրսևորումները, ինչպես, օրինակ,

ջրհեղեղները, երկրաշարժերը, փոթորիկները, պտտահողմերը, նաև սաբոտաժային գործողություններ, ահաբեկչություններ, պատերազմներ, ապստամբություններ, հասարակական անկարգություններ, գործադուլներ, որոնք խոչընդոտում են Կարգավորվող անձի գործունեությունը կամ հանգեցնում նրա ստանձնած ցանկացած պարտավորության կատարման ձգձգման կամ դադարեցման՝ հակառակ նրա կողմից գործադրված ջանքերի՝ խուսափելու, թուլացնելու կամ վերացնելու այդ ուժերի ազդեցությունը:

2. Թույլտվության գործողության ժամկետը

2. Թույլտվությունն ուժի մեջ է մտնում 2006 թվականի դեկտեմբերի 15-ից:
3. Թույլտվությունը գործում է մինչև 2029 թվականի նոյեմբերի 4-ը:

3. Ռադիոհաճախականության օգտագործման էությունը կազմող գործառույթները

4. Թույլտվությունն ուժի մեջ մտնելու պահից Կարգավորվող անձին իրավունք է տրվում և պարտավորեցվում է Հայաստանի Հանրապետության տարածքում ռադիոռելեային կապի գծերի շահագործմամբ օգտագործել ռադիոհաճախականություններ՝ հետևյալ տեխնիկական ցուցանիշներով՝
 - 1) ռադիոռելեային կապի գծերի անվանումը, ռադիոռելեային կայանների տեղադրման վայրերը՝

| h/h | Ռադիոռելեային կապի գծի հատվածի անվանումը | | Ռադիոռելեային կապի գծի կայանների տեղադրման վայրերը | |
|-----|--|---------|--|---------|
| | կայան 1 | կայան 2 | կայան 1 | կայան 2 |
| 1 | 2 | 3 | 4 | 5 |
| 1 | AGH_002 | AGH_01 | | |
| 2 | AGH_01 | AGH_REG | | |
| 3 | AGK_001 | AGK_004 | | |
| 4 | AJR_001 | SAL_001 | | |
| 5 | AMB_001 | ARM_03 | | |
| 6 | AMS_001 | ABO_003 | | |
| 7 | ANQ_001 | KCH_001 | | |
| 8 | ARP_001 | EGH_003 | | |
| 9 | ASH_005 | VSZ_001 | | |
| 10 | CHA_004 | CHA_003 | | |
| 11 | CHM_003 | CHM_001 | | |
| 12 | DIL_008 | MOB_008 | | |
| 13 | GAV_003 | GDZ_001 | | |
| 14 | GAV_003 | SRH_001 | | |
| 15 | GDV_01 | JER_002 | | |

| | | | |
|----|---------|---------|--|
| 16 | GTN_001 | MTN_REG | |
| 17 | GTS_001 | MTN_REG | |
| 18 | HAG_002 | KAD_001 | |
| 19 | HRA_REG | HRA_001 | |
| 20 | IDJ_005 | IDJ_001 | |
| 21 | IDJ_005 | M04_010 | |
| 22 | VST_001 | VSZ_001 | |
| 23 | YER_020 | YER_291 | |
| 24 | YER_320 | YER_028 | |
| 25 | GKS_001 | NBS_001 | |
| 26 | YER_246 | YER_049 | |
| 27 | YEG_006 | YEG_001 | |
| 28 | GTM_001 | M04_002 | |
| 29 | NZM_001 | ZRK_001 | |
| 30 | BZB_004 | M01_004 | |
| 31 | YER_293 | YER_086 | |
| 32 | SPN_001 | ZRK_001 | |
| 33 | MLK_002 | MLK_001 | |
| 34 | TAS_002 | TAS_001 | |
| 35 | AMR_001 | LEJ_001 | |
| 36 | YER_303 | YER_013 | |
| 37 | AZK_002 | AZK_001 | |
| 38 | YER_301 | YER_135 | |
| 39 | THS_001 | GAV_003 | |
| 40 | HRA_014 | HRA_009 | |
| 41 | YER_307 | YER_095 | |
| 42 | YER_304 | YER_044 | |
| 43 | ART_006 | VOS_001 | |
| 44 | U21_014 | YER_032 | |
| 45 | YER_297 | YER_010 | |
| 46 | U21_005 | YER_001 | |
| 47 | BVR_001 | SRG_001 | |
| 48 | BZM_001 | VAN_009 | |
| 49 | GTN_002 | GTS_001 | |
| 50 | HRA_013 | HRA_005 | |
| 51 | ABO_008 | ABO_002 | |
| 52 | BRN_002 | BRN_001 | |
| 53 | VDK_002 | M11_001 | |
| 54 | NOY_002 | NOY_001 | |
| 55 | AKR_001 | M06_006 | |
| 56 | HRG_001 | SRL_001 | |
| 57 | ZOL_002 | ZOL_001 | |
| 58 | BRQ_001 | GEG_01 | |
| 59 | BAY_001 | GTQ_001 | |
| 60 | SHN_001 | GSH_001 | |
| 61 | NAL_002 | NAL_001 | |
| 62 | DAL_001 | LRG_001 | |
| 63 | EGP_001 | QCH_001 | |
| 64 | JBI_001 | JRT_001 | |
| 65 | VAG_010 | VAG_004 | |
| 66 | LUK_001 | KNJ_001 | |
| 67 | DZG_001 | CHQ_001 | |
| 68 | GTP_001 | APM_001 | |
| 69 | BDK_001 | ARA_04 | |
| 70 | AJG_001 | ARM_01 | |
| 71 | DGS_001 | SHA_001 | |
| 72 | SNK_001 | QAR_001 | |
| 73 | YRJ_001 | APN_001 | |
| 74 | ARI_001 | APN_001 | |
| 75 | ATP_005 | ATP_001 | |
| 76 | ARZ_002 | NOR_001 | |
| 77 | YER_271 | YER_012 | |
| 78 | LRT_001 | AGA_001 | |
| 79 | GAV_006 | GAV_003 | |
| 80 | JVN_001 | JJR_001 | |

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|-----|---------|---------|--|
| 81 | SPI_005 | SPI_002 | |
| 82 | KSB_001 | ALP_001 | |
| 83 | THN_001 | AZK_001 | |
| 84 | DSG_002 | M06_003 | |
| 85 | GTZ_001 | ARV_001 | |
| 86 | ABO_009 | ABO_008 | |
| 87 | GGR_001 | HVN_001 | |
| 88 | GHN_001 | PNK_001 | |
| 89 | YAG_001 | GUL_01 | |
| 90 | LCK_001 | SPI_001 | |
| 91 | PMZ_001 | GYU_03 | |
| 92 | NRQ_001 | HOR_001 | |
| 93 | AGQ_002 | GUL_01 | |
| 94 | MGH_001 | KUR_001 | |
| 95 | GLZ_001 | EGH_003 | |
| 96 | LEJ_001 | GUL_01 | |
| 97 | TUM_001 | M06_004 | |
| 98 | DVN_002 | DVN_001 | |
| 99 | BDV_002 | ZRN_001 | |
| 100 | LRG_002 | LRG_001 | |
| 101 | DVN_003 | DVN_001 | |
| 102 | GYU_028 | GYU_009 | |
| 103 | YSH_001 | M02_003 | |
| 104 | YER_275 | YER_020 | |
| 105 | GVT_002 | GVT_001 | |
| 106 | MYS_001 | MTM_001 | |
| 107 | KYU_001 | MRM_001 | |
| 108 | KRN_001 | TEG_001 | |
| 109 | VGR_001 | KHT_001 | |
| 110 | SMR_001 | M01_003 | |
| 111 | GRN_002 | GRN_001 | |
| 112 | NVN_001 | VGT_001 | |
| 113 | LEN_001 | HKT_001 | |
| 114 | UZR_002 | VED_MW | |
| 115 | SYS_001 | MAS_004 | |
| 116 | ZGK_001 | VDT_001 | |
| 117 | HOV_002 | HOV_001 | |
| 118 | QAR_002 | QAR_001 | |
| 119 | ALS_001 | MGT_001 | |
| 120 | ARB_001 | KHP_001 | |
| 121 | VAG_008 | VAG_004 | |
| 122 | ERV_001 | BAG_001 | |
| 123 | MTR_001 | JRT_001 | |
| 124 | ATP_004 | ATP_001 | |
| 125 | MGR_001 | VDS_001 | |
| 126 | ATG_001 | NAL_001 | |
| 127 | AQN_001 | HVS_001 | |
| 128 | MGT_002 | MGT_001 | |
| 129 | ASV_001 | APN_001 | |
| 130 | SHP_001 | LJN_001 | |
| 131 | LSH_001 | LJN_001 | |
| 132 | MZV_001 | AGH_01 | |
| 133 | DDM_001 | M10_005 | |
| 134 | TVG_001 | SEV_004 | |
| 135 | GTS_002 | MTN_REG | |
| 136 | AMT_001 | EGT_001 | |
| 137 | MAS_007 | MAS_005 | |
| 138 | GKK_001 | LJP_001 | |
| 139 | KCT_001 | ODZ_001 | |
| 140 | KHB_001 | M11_002 | |
| 141 | NSZ_001 | ARQ_001 | |
| 142 | HRJ_001 | HLD_001 | |
| 143 | MEG_003 | MEG_001 | |
| 144 | TNH_001 | AVI_001 | |
| 145 | GNS_001 | NRV_001 | |

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|-----|---------|---------|--|
| 146 | BNS_001 | AKL_001 | |
| 147 | LRO_001 | DBS_001 | |
| 148 | DVB_001 | M02_020 | |
| 149 | DMR_001 | SYQ_001 | |
| 150 | YER_233 | YER_102 | |
| 151 | NGV_001 | M03_003 | |
| 152 | YER_235 | MVN_002 | |
| 153 | YER_234 | YER_219 | |
| 154 | HRN_001 | M02_017 | |
| 155 | SHQ_001 | SIS_001 | |
| 156 | QRN_001 | KHD_001 | |
| 157 | KHD_002 | KHD_001 | |
| 158 | M02_011 | M02_010 | |
| 159 | NSH_001 | ARA_04 | |
| 160 | TEG_002 | TEG_001 | |
| 161 | SHK_001 | YGD_001 | |
| 162 | BAL_003 | BAL_001 | |
| 163 | GBJ_001 | GYU_016 | |
| 164 | DZV_001 | DPB_001 | |
| 165 | DZV_001 | AMJ_001 | |
| 166 | ARM_03 | LMZ_001 | |
| 167 | KMO_001 | JJR_001 | |
| 168 | IDJ_001 | SVQ_001 | |
| 169 | HRA_004 | HRA_012 | |
| 170 | ODZ_002 | ODZ_001 | |
| 171 | MSH_001 | GYB_001 | |
| 172 | API_001 | GYU_014 | |
| 173 | ZOL_001 | ADR_001 | |
| 174 | M04_007 | IDJ_007 | |
| 175 | GOS_001 | GOS_002 | |
| 176 | GDR_001 | HNB_001 | |
| 177 | SPI_003 | LVN_001 | |
| 178 | ATI_001 | SCH_001 | |
| 179 | EDS_001 | NAM_001 | |
| 180 | SEV_004 | TVG_002 | |
| 181 | M10_005 | VRS_001 | |
| 182 | AKH_001 | AKH_002 | |
| 183 | YER_232 | YER_125 | |
| 184 | VAY_002 | VAY_001 | |
| 185 | VHT_001 | YER_074 | |
| 186 | MEG_004 | MEG_002 | |
| 187 | SEV_006 | SEV_001 | |
| 188 | M06_010 | BGT_001 | |
| 189 | ACH_001 | DTV_001 | |
| 190 | AES_001 | M05_001 | |
| 191 | AET_001 | VAZ_001 | |
| 192 | AGK_003 | AGK_002 | |
| 193 | AGL_001 | ASH_002 | |
| 194 | AJB_001 | PAY_MW | |
| | PAY_MW | GGI_001 | |
| 195 | AKN_001 | KAT_001 | |
| 196 | ALZ_001 | VNS_001 | |
| 197 | AMA_002 | AMA_001 | |
| 198 | APN_001 | HRT_001 | |
| 199 | ARA_002 | ARA_001 | |
| 200 | ARG_001 | HRT_001 | |
| 201 | ARM_03 | AYS_001 | |
| 202 | ARV_001 | GRN_001 | |
| 203 | ASH_006 | M01_001 | |
| 204 | ATP_002 | ATP_001 | |
| 205 | AVA_001 | M01_002 | |
| 206 | AVI_001 | TSK_001 | |
| 207 | BDN_001 | SRS_001 | |
| 208 | BUJ_001 | BUJ_002 | |
| 209 | CTN_001 | AVB_002 | |

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|-----|---------|---------|--|
| 210 | DBS_001 | SNT_001 | |
| 211 | EGH_003 | MAL_001 | |
| 212 | EGN_001 | ZTK_001 | |
| 213 | GAV_004 | NTS_001 | |
| 214 | GDR_001 | GEG_01 | |
| 215 | GET_01 | KHP_001 | |
| 216 | GET_01 | ZRK_001 | |
| 217 | GET_01 | AVT_001 | |
| 218 | GOT_001 | GGD_002 | |
| 219 | GRB_001 | ARM_02 | |
| 220 | GTM_001 | KPT_001 | |
| 221 | GYB_001 | JRD_001 | |
| 222 | GYU_001 | GYU_018 | |
| 223 | GYU_009 | GYU_020 | |
| 224 | GYU_017 | GYU_001 | |
| 225 | GYU_024 | GYU_013 | |
| 226 | GYU_026 | GYU_010 | |
| 227 | GYU_02 | MAN_001 | |
| 228 | GYU_03 | ATK_001 | |
| 229 | HAJ_001 | BVN_001 | |
| 230 | HAY_001 | GAY_001 | |
| 231 | HER_001 | VDH_001 | |
| 232 | HGK_001 | TSG_001 | |
| 233 | HLV_MW | HLV_001 | |
| | HLV_MW | LNP_001 | |
| 234 | HRA_004 | HRA_007 | |
| 235 | HRA_010 | HRA_005 | |
| 236 | HTC_001 | M07_003 | |
| 237 | HTG_001 | HVT_001 | |
| 238 | HTG_001 | VAG_004 | |
| 239 | HVS_001 | JRH_001 | |
| 240 | HVS_001 | ART_001 | |
| 241 | HVS_001 | JRS_001 | |
| 242 | HVS_001 | ARA_04 | |
| 243 | IDJ_002 | IDJ_004 | |
| 244 | IDJ_002 | IDJ_003 | |
| 245 | ISA_001 | SKV_001 | |
| 246 | JRB_001 | M04_002 | |
| 247 | JRT_001 | AQS_001 | |
| 248 | KAP_002 | KAP_003 | |
| 249 | KAP_003 | KAP_001 | |
| 250 | KCH_001 | ARQ_001 | |
| 251 | KGB_001 | BDV_001 | |
| 252 | KGT_001 | YGD_001 | |
| 253 | KNJ_001 | ARM_003 | |
| 254 | KQV_001 | M01_003 | |
| 255 | KSH_001 | M01_002 | |
| 256 | LCN_001 | SEV_002 | |
| 257 | LUS_001 | PVD_001 | |
| 258 | M01_004 | BZB_002 | |
| 259 | M01_007 | GYU_03 | |
| 260 | M02_001 | ARV_001 | |
| 261 | M02_001 | LAN_001 | |
| 262 | M02_005 | VDT_001 | |
| 263 | M03_001 | APN_001 | |
| 264 | M03_005 | SNK_MW | |
| 265 | M04_002 | FAN_001 | |
| 266 | M04_008 | SGH_001 | |
| 267 | M04_010 | PRQ_001 | |
| 268 | M06_002 | EGT_001 | |
| 269 | M06_003 | AYT_001 | |
| 270 | M06_008 | CHO_001 | |
| 271 | M07_001 | VAN_009 | |
| 272 | M09_001 | GRG_001 | |
| 273 | MAS_004 | NRM_001 | |

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|-----|---------|---------|--|
| 274 | MTM_002 | MTM_001 | |
| 275 | MRG_001 | PTG_001 | |
| 276 | MRN_001 | MAY_001 | |
| 277 | MVN_001 | YER_086 | |
| 278 | NRA_001 | HKT_001 | |
| 279 | NRM_001 | HVS_001 | |
| 280 | NSN_001 | M10_001 | |
| 281 | ORG_001 | BRN_001 | |
| 282 | SAS_001 | ASH_001 | |
| 283 | SEV_003 | SEV_005 | |
| 284 | SNK_MW | M03_004 | |
| 285 | SNK_MW | QCH_001 | |
| 286 | SPI_001 | SPI_004 | |
| 287 | SRL_001 | KTJ_001 | |
| 288 | SRN_001 | SRN_PSR | |
| | TRG_MW | SRN_PSR | |
| 289 | STE_002 | STE_001 | |
| 290 | STE_002 | GUL_01 | |
| 291 | SUS_001 | DZQ_001 | |
| 292 | TAP_001 | PVD_001 | |
| 293 | TKB_001 | SRL_001 | |
| 294 | TNL_003 | M09_001 | |
| 295 | TNL_MW | TNL_002 | |
| | M04_004 | TNL_MW | |
| 296 | TSH_001 | TSH_MW | |
| | TSH_MW | M06_006 | |
| 297 | TSN_001 | M04_010 | |
| 298 | TTV_001 | HLD_001 | |
| 299 | TZG_001 | GTN_001 | |
| 300 | URS_001 | M03_006 | |
| 301 | VAG_005 | VAG_007 | |
| 302 | VAR_004 | VAR_001 | |
| 303 | VED_002 | VED_001 | |
| 304 | VRD_002 | M02_024 | |
| 305 | YER_012 | YER_153 | |
| 306 | YER_015 | YER_085 | |
| 307 | YER_020 | YER_086 | |
| 308 | YER_031 | YER_167 | |
| 309 | YER_118 | YER_041 | |
| 310 | YER_164 | YER_008 | |
| 311 | YER_171 | YER_022 | |
| 312 | YER_197 | YER_056 | |
| 313 | ZRK_001 | DKT_001 | |
| 314 | ZRK_001 | HVS_001 | |
| 315 | M02_005 | AGH_01 | |
| 316 | M07_003 | M07_002 | |
| 317 | SPI_001 | M07_001 | |
| 318 | M03_003 | APA_001 | |
| 319 | ASH_001 | ERZ_001 | |
| 320 | GYU_026 | GYU_011 | |
| 321 | GYU_027 | GYU_009 | |
| 322 | GYU_01 | HOR_001 | |
| 323 | HRA_003 | HRA_011 | |
| 324 | IDJ_005 | BRD_001 | |
| 325 | JER_002 | JER_004 | |
| 326 | KAR_001 | MUS_001 | |
| 327 | GTV_001 | KHS_001 | |
| 328 | M10_001 | LCP_001 | |
| 329 | MVS_001 | ABO_003 | |
| 330 | SLK_001 | QGS_001 | |
| 331 | SHR_001 | M07_002 | |
| 332 | STE_002 | STE_003 | |
| 333 | URT_001 | SVR_001 | |
| 334 | MTN_REG | VGN_001 | |
| 335 | YEG_003 | YEG_005 | |

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|-----|---------|---------|--|
| 336 | VSZ_001 | OSH_001 | |
| 337 | M06_006 | SHL_001 | |
| 338 | VAR_001 | VAR_005 | |
| 339 | AB0_003 | AKQ_001 | |
| 340 | ASH_007 | ASH_002 | |
| 341 | ATK_004 | ATK_001 | |
| 342 | GAV_005 | GAV_002 | |
| 343 | AB0_003 | KOT_001 | |
| 344 | M03_001 | KRB_001 | |
| 345 | M07_003 | PRN_001 | |
| 346 | GUL_01 | KUR_001 | |
| 347 | M03_006 | SVR_001 | |
| 348 | PNK_001 | HCH_001 | |
| 349 | SHT_001 | STQ_001 | |
| 350 | ARS_001 | JYL_001 | |
| 351 | AGG_001 | VSZ_001 | |
| 352 | M03_005 | THT_001 | |
| 353 | AEL_001 | CHA_003 | |
| 354 | YEG_004 | YEG_003 | |
| 355 | DIL_007 | DIL_001 | |
| 356 | GTV_001 | IDJ_006 | |
| 357 | KAP_008 | KAP_001 | |
| 358 | ARA_04 | QTS_001 | |
| 359 | HSH_001 | ARM_005 | |
| 360 | ATS_001 | KHR_001 | |
| 361 | EGH_001 | ADZ_001 | |
| 362 | MAS_004 | SNV_001 | |
| 363 | YER_219 | YER_013 | |
| 364 | YER_008 | YER_223 | |
| 365 | ATP_003 | YER_218 | |
| 366 | HTG_001 | SHA_001 | |
| 367 | GOR_003 | GOR_005 | |
| 368 | YER_005 | YER_224 | |
| 369 | YER_179 | YER_004 | |
| 370 | YER_024 | YER_187 | |
| 371 | YER_126 | YER_192 | |
| 372 | YER_004 | YER_193 | |
| 373 | LOR_001 | AHD_001 | |
| 374 | DOV_001 | ANT_001 | |
| 375 | ZED_001 | ARN_001 | |
| 376 | KAT_001 | ASN_001 | |
| 377 | M09_004 | DZM_001 | |
| 378 | DOV_001 | DZT_001 | |
| 379 | MAY_001 | VHB_001 | |
| 380 | KVT_001 | GTK_001 | |
| 381 | GTM_001 | JRB_002 | |
| 382 | VKA_001 | MSG_001 | |
| 383 | YER_065 | NUB_002 | |
| 384 | VAG_001 | PTQ_001 | |
| 385 | LMN_001 | QBD_001 | |
| 386 | LRK_001 | QRB_001 | |
| 387 | M06_008 | QRK_001 | |
| 388 | M03_004 | SIP_001 | |
| 389 | M01_003 | AGA_001 | |
| 390 | HTG_001 | AGC_001 | |
| 391 | ART_001 | AGD_001 | |
| 392 | YGD_001 | AGR_001 | |
| 393 | M02_002 | AIG_001 | |
| 394 | YER_032 | ARJ_001 | |
| 395 | ARM_01 | ARK_001 | |
| 396 | ATK_001 | ATK_003 | |
| 397 | BGM_001 | AYK_001 | |
| 398 | AMA_001 | GHZ_001 | |
| 399 | SKV_001 | GSG_001 | |
| 400 | GYU_007 | GYU_022 | |

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| 401 | ZVN_001 | ZVN_002 | |
| 402 | FLT_001 | MHT_001 | |
| 403 | ARV_001 | MNS_001 | |
| 404 | AMA_001 | SPS_001 | |
| 405 | M02_004 | SVK_001 | |
| 406 | EGH_002 | SSK_001 | |
| 407 | YEG_002 | QNV_001 | |
| 408 | BRD_002 | BRD_003 | |
| 409 | YER_065 | BSN_001 | |
| 410 | ZRV_001 | YEG_003 | |
| 411 | M01_001 | PRS_001 | |
| 412 | M01_001 | PRS_002 | |
| 413 | M01_004 | BZB_003 | |
| 414 | AKT_001 | MSQ_001 | |
| 415 | ZRK_001 | DRB_001 | |
| 416 | HKT_001 | SDP_001 | |
| 417 | M05_001 | TRN_001 | |
| 418 | MAQ_001 | GEQ_001 | |
| 419 | ARL_001 | M05_001 | |
| 420 | AGE_001 | HKT_001 | |
| 421 | NKT_001 | M02_002 | |
| 422 | MRM_001 | HVS_001 | |
| 423 | ALP_001 | AZK_001 | |
| 424 | AST_001 | AMA_001 | |
| 425 | MSK_001 | ARM_003 | |
| 426 | BZB_001 | M01_004 | |
| 427 | JFD_001 | ARM_01 | |
| 428 | BMB_001 | ARM_01 | |
| 429 | HRA_008 | HRA_001 | |
| 430 | HTC_001 | GYU_003 | |
| 431 | KAJ_003 | KAJ_001 | |
| 432 | GSH_001 | ARM_005 | |
| 433 | AHT_001 | VGT_001 | |
| 434 | SRB_001 | ZVS_001 | |
| 435 | BRK_001 | SIS_001 | |
| 436 | RND_001 | AGH_01 | |
| 437 | YER_155 | YER_007 | |
| 438 | YER_177 | YER_125 | |
| 439 | GYU_019 | GYU_005 | |
| 440 | KAP_007 | KAP_003 | |
| 441 | YER_172 | YER_025 | |
| 442 | M02_015 | SPD_001 | |
| 443 | SHI_002 | SVD_002 | |
| 444 | SHI_002 | SVD_001 | |
| 445 | YER_122 | YER_012 | |
| 446 | ACH_001 | AZT_001 | |
| 447 | JUJ_001 | KTI_001 | |
| 448 | YER_048 | YER_154 | |
| 449 | LPR_001 | GEG_01 | |
| 450 | HRT_001 | QCH_001 | |
| 451 | ATP_001 | ATP_003 | |
| 452 | HRA_006 | HRA_004 | |
| 453 | YER_120 | YER_008 | |
| 454 | YER_118 | YER_061 | |
| 455 | STN_001 | STN_MW | |
| 456 | VKT_001 | GET_01 | |
| 457 | YER_159 | YER_089 | |
| 458 | YER_176 | YER_025 | |
| 459 | M02_016 | M02_019 | |
| 460 | GTM_001 | M04_002 | |
| 461 | QCH_001 | SNK_MW | |
| 462 | SPI_002 | M03_005 | |
| 463 | NRV_001 | AGH_01 | |
| 464 | ZRT_001 | AMA_001 | |
| 465 | VND_001 | ARM_005 | |

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| 466 | AZN_001 | ARE_001 | |
| 467 | GAV_004 | SHO_001 | |
| 468 | GEG_01 | M03_005 | |
| 469 | GYU_012 | GYU_007 | |
| 470 | KAP_004 | KAP_001 | |
| 471 | KAP_001 | KAP_006 | |
| 472 | KAP_002 | KAP_003 | |
| 473 | M01_005 | MSA_001 | |
| 474 | M02_019 | SHU_001 | |
| 475 | M03_004 | MLK_001 | |
| 476 | M03_005 | SRM_001 | |
| 477 | M04_003 | IDJ_001 | |
| 478 | M01_005 | M05_001 | |
| 479 | M07_001 | LNP_001 | |
| 480 | GUR_001 | M07_001 | |
| 481 | M10_001 | DRA_001 | |
| 482 | M10_003 | TPT_001 | |
| 483 | SHI_002 | SHI_001 | |
| 484 | CHM_002 | SHO_001 | |
| 485 | SPI_002 | SPI_001 | |
| 486 | ARS_001 | TPT_001 | |
| 487 | TUJ_001 | VHN_001 | |
| 488 | NKA_001 | VKA_001 | |
| 489 | YER_065 | NUB_001 | |
| 490 | YEG_001 | ZRV_001 | |
| 491 | YER_152 | ZVN_001 | |
| 492 | AGN_002 | AGN_001 | |
| 493 | ALA_002 | ALA_001 | |
| 494 | ALV_001 | NRN_002 | |
| 495 | AMS_001 | SVB_001 | |
| 496 | ARA_003 | SUR_001 | |
| 497 | DVN_001 | ARA_04 | |
| 498 | AGS_001 | ARA_04 | |
| 499 | ARA_04 | NAR_001 | |
| 500 | ARM_005 | NAL_001 | |
| 501 | ARM_04 | ARM_01 | |
| 502 | ARM_01 | TAN_001 | |
| 503 | BGM_002 | ARM_04 | |
| 504 | ASH_001 | ASH_004 | |
| 505 | LOR_001 | ATA_001 | |
| 506 | AGN_001 | AZK_001 | |
| 507 | BAL_001 | BAL_002 | |
| 508 | BGN_001 | KUT_001 | |
| 509 | BRD_002 | BRD_001 | |
| 510 | NAV_001 | BRD_001 | |
| 511 | CHK_001 | DSG_001 | |
| 512 | GEG_001 | NUR_001 | |
| 513 | HOV_001 | GET_01 | |
| 514 | GTM_001 | NOR_001 | |
| 515 | MRG_001 | GTM_001 | |
| 516 | LCH_001 | GTS_001 | |
| 517 | GYB_001 | VGJ_001 | |
| 518 | GEG_001 | HAI_001 | |
| 519 | AGV_001 | HRA_001 | |
| 520 | HRA_004 | LRN_001 | |
| 521 | JER_001 | JER_003 | |
| 522 | JRT_001 | HAY_001 | |
| 523 | APG_001 | JRT_001 | |
| 524 | KAP_005 | KAP_002 | |
| 525 | KAP_003 | SYQ_001 | |
| 526 | DTD_001 | KAT_001 | |
| 527 | GGI_001 | KAV_001 | |
| 528 | KVT_001 | KAP_003 | |
| 529 | M01_002 | UJN_001 | |
| 530 | M01_003 | KSH_001 | |

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| 531 | M01_005 | TAL_001 | |
| 532 | MAR_001 | M01_007 | |
| 533 | M02_001 | BYU_001 | |
| 534 | ELP_001 | M02_006 | |
| 535 | M02_009 | GMQ_001 | |
| 536 | CHA_004 | M04_002 | |
| 537 | CHA_002 | M04_002 | |
| 538 | FLT_001 | M04_003 | |
| 539 | M04_004 | DIL_003 | |
| 540 | M04_005 | HAG_001 | |
| 541 | M04_010 | TOV_001 | |
| 542 | M05_001 | EGN_001 | |
| 543 | EDS_001 | M05_001 | |
| 544 | ODZ_001 | M06_005 | |
| 545 | M06_008 | TGH_001 | |
| 546 | JIL_001 | M06_011 | |
| 547 | M09_001 | GUL_01 | |
| 548 | HRV_001 | M10_002 | |
| 549 | YRN_001 | M10_004 | |
| 550 | M11_001 | ANS_001 | |
| 551 | M04_003 | M14_001 | |
| 552 | YAN_001 | MAD_001 | |
| 553 | MGT_001 | MTM_001 | |
| 554 | MTN_002 | ZOL_001 | |
| 555 | ARZ_001 | NOR_001 | |
| 556 | NOY_001 | BKM_001 | |
| 557 | KGB_001 | NOY_001 | |
| 558 | DRK_001 | NRK_001 | |
| 559 | RAN_001 | NRM_001 | |
| 560 | NRN_002 | NRN_001 | |
| 561 | QAR_001 | LRG_001 | |
| 562 | SHT_001 | ZOD_001 | |
| 563 | BGV_001 | SUS_001 | |
| 564 | HAT_001 | SVB_001 | |
| 565 | TRG_MW | YGD_001 | |
| 566 | MGN_001 | VAG_004 | |
| 567 | AZP_001 | VDS_001 | |
| 568 | VKH_001 | GTQ_001 | |
| 569 | YAN_001 | SEL_001 | |
| 570 | YER_080 | YER_008 | |
| 571 | PAR_001 | YER_020 | |
| 572 | YER_127 | YER_026 | |
| 573 | AVN_001 | YER_032 | |
| 574 | M01_001 | YER_074 | |
| 575 | QAS_001 | YER_074 | |
| 576 | YER_151 | YER_095 | |
| 577 | ZED_001 | ATV_001 | |
| 578 | BAG_001 | KAT_001 | |
| 579 | KRT_001 | SRS_001 | |
| 580 | DOV_001 | M02_019 | |
| 581 | KAP_003 | YGD_001 | |
| 582 | TRG_MW | YGD_001 | |
| 583 | TSV_001 | TRG_MW | |
| 584 | SHI_001 | TSV_001 | |
| 585 | AGK_001 | AGK_002 | |
| 586 | M02_002 | VED_MW | |
| 587 | AVB_001 | CTN_001 | |
| 588 | MRK_001 | HRA_001 | |
| 589 | MGZ_001 | MRK_001 | |
| 590 | ATZ_002 | MGZ_001 | |
| 591 | ATZ_001 | ATZ_002 | |
| 592 | ELN_001 | ATZ_001 | |
| 593 | KAP_003 | CHT_001 | |
| 594 | BJN_001 | M04_002 | |
| 595 | KAJ_001 | KAV_001 | |

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| 596 | SRS_001 | M02_009 | |
| 597 | GAV_001 | GAV_002 | |
| 598 | AVB_001 | AGZ_MW | |
| 599 | AGZ_MW | AGZ_001 | |
| 600 | M09_001 | ATA_001 | |
| 601 | AMS_001 | GSN_001 | |
| 602 | QAR_001 | ARM_04 | |
| 603 | M01_006 | ZVS_001 | |
| 604 | GYU_03 | LRK_001 | |
| 605 | KRS_001 | M02_013 | |
| 606 | AKT_001 | SIS_001 | |
| 607 | SIS_001 | AKL_001 | |
| 608 | TSK_001 | AKL_001 | |
| 609 | DTK_001 | AKL_001 | |
| 610 | DBS_001 | VGT_001 | |
| 611 | GOR_006 | KHD_001 | |
| 612 | KHD_001 | TEG_001 | |
| 613 | KAP_003 | AVK_001 | |
| 614 | M04_003 | KAD_001 | |
| 615 | DZV_001 | AYG_001 | |
| 616 | DZV_001 | MRT_001 | |
| 617 | KAD_001 | DZV_001 | |
| 618 | MRT_001 | TUJ_001 | |
| 619 | TUJ_001 | CHM_001 | |
| 620 | M03_006 | PVN_001 | |
| 621 | M03_006 | LER_001 | |
| 622 | M09_004 | ATI_001 | |
| 623 | MTV_001 | M09_003 | |
| 624 | ZRV_001 | GTM_001 | |
| 625 | YEG_002 | GTM_001 | |
| 626 | M04_008 | VAZ_001 | |
| 627 | IDJ_002 | IDJ_001 | |
| 628 | GTV_001 | IDJ_001 | |
| 629 | ACH_001 | VAZ_001 | |
| 630 | BRD_001 | CTN_001 | |
| 631 | BGN_001 | M04_008 | |
| 632 | BGN_001 | KTI_001 | |
| 633 | SAL_001 | ZED_001 | |
| 634 | SAL_001 | STN_001 | |
| 635 | SMB_001 | HER_001 | |
| 636 | SRI_001 | DZN_001 | |
| 637 | AMA_001 | DZN_001 | |
| 638 | PGN_001 | AMA_001 | |
| 639 | AMA_001 | SRG_001 | |
| 640 | M07_003 | SRL_001 | |
| 641 | SPI_001 | AVS_001 | |
| 642 | AZN_001 | MUS_001 | |
| 643 | DRG_001 | M10_004 | |
| 644 | GTS_001 | GVT_001 | |
| 645 | MAD_001 | GTS_001 | |
| 646 | M11_002 | MAQ_001 | |
| 647 | GAV_003 | LJP_001 | |
| 648 | HVN_001 | GRN_001 | |
| 649 | SEV_002 | SEV_001 | |
| 650 | KAJ_002 | KAJ_001 | |
| 651 | M10_004 | GTS_001 | |
| 652 | PGB_001 | M09_003 | |
| 653 | M06_009 | ZRN_001 | |
| 654 | HBT_001 | SMB_001 | |
| 655 | M10_002 | GAV_004 | |
| 656 | GYU_009 | AKH_001 | |
| 657 | VKA_001 | CTN_001 | |
| 658 | GTS_001 | VDK_001 | |
| 659 | VED_MW | LJN_001 | |
| 660 | VED_MW | UZR_001 | |

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| 661 | VSZ_001 | YER_079 | |
| 662 | ZRV_001 | BUJ_001 | |
| 663 | M05_001 | HTG_001 | |
| 664 | HTG_001 | BGM_001 | |
| 665 | M05_001 | ATS_001 | |
| 666 | HKT_001 | ARM_01 | |
| 667 | M01_005 | KAT_001 | |
| 668 | SEV_003 | SEV_001 | |
| 669 | M02_005 | KHC_001 | |
| 670 | AGH_01 | EGH_003 | |
| 671 | GRN_001 | GOT_001 | |
| 672 | GOT_001 | GGD_001 | |
| 673 | SHM_001 | LMN_001 | |
| 674 | M04_003 | SEV_004 | |
| 675 | M01_005 | VKS_001 | |
| 676 | GYU_03 | PNK_001 | |
| 677 | HRA_004 | ZVB_001 | |
| 678 | M03_003 | CHQ_001 | |
| 679 | AMA_001 | TSG_001 | |
| 680 | AMA_001 | AGB_001 | |
| 681 | MTS_001 | M02_009 | |
| 682 | ATN_001 | QAR_001 | |
| 683 | GTM_001 | BAL_001 | |
| 684 | GTM_001 | ABO_003 | |
| 685 | VKH_001 | AZN_001 | |
| 686 | SKV_001 | AZN_001 | |
| 687 | M11_002 | NRK_001 | |
| 688 | MAY_001 | GYU_003 | |
| 689 | MAY_001 | KMO_001 | |
| 690 | GYB_001 | MAY_001 | |
| 691 | KTN_001 | M03_006 | |
| 692 | GYU_03 | ATK_002 | |
| 693 | M03_001 | OHN_001 | |
| 694 | VSZ_001 | PRP_001 | |
| 695 | ORG_001 | VSZ_001 | |
| 696 | YER_025 | YER_084 | |
| 697 | VED_001 | DSQ_001 | |
| 698 | YER_027 | VBD_001 | |
| 699 | HAJ_001 | NOR_001 | |
| 700 | KES_001 | ARM_005 | |
| 701 | ARM_01 | PSH_001 | |
| 702 | SUS_001 | M01_005 | |
| 703 | APM_001 | SUS_001 | |
| 704 | EGV_001 | M02_002 | |
| 705 | AZK_001 | SLK_001 | |
| 706 | YER_086 | YER_101 | |
| 707 | YER_027 | DZB_001 | |
| 708 | YER_102 | YER_077 | |
| 709 | YER_042 | YER_032 | |
| 710 | AGH_01 | M02_008 | |
| 711 | AZT_01 | GDV_01 | |
| 712 | CHA_001 | CHA_002 | |
| 713 | ASH_002 | ASH_001 | |
| 714 | ASH_003 | ASH_002 | |
| 715 | M02_006 | AGH_01 | |
| 716 | M02_007 | AGH_01 | |
| 717 | VAG_004 | VAG_001 | |
| 718 | VAG_003 | VAG_001 | |
| 719 | HRA_004 | M10_005 | |
| 720 | HRA_003 | HRA_001 | |
| 721 | HRA_002 | HRA_004 | |
| 722 | ARA_002 | ARA_003 | |
| 723 | M02_017 | GOR_006 | |
| 724 | GYU_003 | GYU_02 | |
| 725 | GYU_003 | M01_006 | |

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| 726 | GYU_003 | GYU_03 | |
| 727 | GYU_01 | M01_007 | |
| 728 | KAJ_001 | M02_021 | |
| 729 | GOR_006 | M02_020 | |
| 730 | AMA_001 | GYU_003 | |
| 731 | ARA_003 | M02_003 | |
| 732 | ASH_001 | M03_001 | |
| 733 | GAV_002 | M10_002 | |
| 734 | EGH_002 | VAY_001 | |
| 735 | GOR_002 | GOR_001 | |
| 736 | GOR_006 | GOR_003 | |
| 737 | VRD_001 | MEG_001 | |
| 738 | VAG_005 | ARM_02 | |
| 739 | SPI_003 | SPI_002 | |
| 740 | M02_012 | M02_013 | |
| 741 | M01_005 | M01_004 | |
| 742 | M02_004 | M02_005 | |
| 743 | M02_002 | VED_001 | |
| 744 | M02_002 | ARA_002 | |
| 745 | M02_001 | YER_065 | |
| 746 | MAS_001 | MAS_003 | |
| 747 | MAS_002 | MAS_001 | |
| 748 | M11_001 | M11_002 | |
| 749 | M10_004 | M10_003 | |
| 750 | M10_002 | GAV_003 | |
| 751 | M01_002 | M03_001 | |
| 752 | M01_004 | M05_001 | |
| 753 | M01_005 | M01_006 | |
| 754 | M06_005 | CHK_001 | |
| 755 | M06_004 | CHK_001 | |
| 756 | M04_002 | HRA_004 | |
| 757 | M04_001 | ABO_003 | |
| 758 | M03_006 | GUL_01 | |
| 759 | M03_005 | SPI_002 | |
| 760 | KAP_002 | M02_021 | |
| 761 | DIL_001 | M04_005 | |
| 762 | DIL_001 | DIL_002 | |
| 763 | M06_002 | CHK_001 | |
| 764 | M04_008 | IDJ_001 | |
| 765 | M04_008 | M04_009 | |
| 766 | M04_004 | M04_003 | |
| 767 | M09_003 | M03_006 | |
| 768 | TAS_001 | M03_006 | |
| 769 | M04_007 | IDJ_001 | |
| 770 | M09_003 | M09_004 | |
| 771 | M06_010 | M06_009 | |
| 772 | M06_007 | M06_008 | |
| 773 | M06_006 | M06_009 | |
| 774 | M06_006 | M06_008 | |
| 775 | M06_005 | M06_006 | |
| 776 | M06_003 | CHK_001 | |
| 777 | M06_001 | M06_002 | |
| 778 | M04_010 | BRD_001 | |
| 779 | M04_009 | M04_010 | |
| 780 | M04_006 | IDJ_001 | |
| 781 | HRT_001 | M03_002 | |
| 782 | ALA_001 | M06_006 | |
| 783 | M06_006 | NOY_001 | |
| 784 | YRJ_001 | SGK_001 | |
| 785 | JRP_001 | ISA_001 | |
| 786 | KAJ_002 | KAJ_004 | |
| 787 | KAP_003 | KAP_009 | |
| 788 | LNJ_001 | M02_005 | |
| 789 | M01_005 | M01_008 | |
| 790 | M01_007 | M01_009 | |

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| 791 | M03_006 | TAS_REG | |
| 792 | M05_001 | VAG_010 | |
| 793 | M07_002 | GOG_001 | |
| 794 | M09_001 | VAN_009 | |
| 795 | M10_002 | MTN_REG | |
| 796 | M11_001 | EKP_001 | |
| 797 | ACQ_001 | ORG_001 | |
| 798 | MOB_003 | KRB_001 | |
| 799 | ZAR_001 | ABO_003 | |
| 800 | MOB_012 | M10_005 | |
| 801 | MRM_001 | YER_226 | |
| 802 | MTN_REG | M11_001 | |
| 803 | MVN_002 | YER_086 | |
| 804 | NRK_001 | GMS_001 | |
| 805 | NSN_001 | SEV_001 | |
| 806 | QRG_001 | SAL_001 | |
| 807 | SIS_001 | MOB_001 | |
| 808 | SNH_REG | M06_005 | |
| 809 | TAP_001 | GNV_001 | |
| 810 | UZR_003 | UZR_002 | |
| 811 | VAG_006 | VAG_009 | |
| 812 | VAG_010 | VAG_002 | |
| 813 | VAG_010 | ATM_001 | |
| 814 | VAR_REG | TRF_001 | |
| 815 | VAR_REG | VAR_002 | |
| 816 | VAR_REG | VAR_001 | |
| 817 | VAR_REG | SHT_001 | |
| 818 | VAR_REG | KCH_001 | |
| 819 | VAR_REG | VAR_003 | |
| 820 | VAR_REG | M11_002 | |
| 821 | VBD_001 | JRV_001 | |
| 822 | VDS_001 | YHN_001 | |
| 823 | YER_001 | YER_267 | |
| 824 | YER_005 | YER_225 | |
| 825 | YER_015 | YER_279 | |
| 826 | YER_053 | YER_169 | |
| 827 | YER_070 | DAT_001 | |
| 828 | YER_086 | YER_020_1 | |
| 829 | YER_088 | YER_284 | |
| 830 | YER_143 | YER_277 | |
| 831 | YER_187 | YER_270 | |
| 832 | YER_269 | YER_026 | |
| 833 | YER_323 | YER_141 | |
| 834 | GYU_007 | AZN_001 | |
| 835 | GYU_007 | GYU_014 | |
| 836 | ALV_001 | SHI_002 | |
| 837 | NBS_001 | DKT_001 | |
| 838 | FLT_001 | LMN_001 | |
| 839 | GYU_005 | GYU_029 | |
| 840 | VNS_001 | SSV_001 | |
| 841 | M02_022 | VRD_001 | |
| 842 | TSL_001 | HTG_001 | |
| 843 | MSK_001 | HTS_001 | |
| 844 | NRN_001 | NRN_003 | |
| 845 | NSN_001 | M10_002 | |
| 846 | HRS_MW | HRS_001 | |
| 847 | SAL_001 | HRS_MW | |
| 848 | BAL_001 | L26_002 | |
| 849 | VND_001 | TLV_001 | |
| 850 | ARM_04 | ARD_001 | |
| 851 | IDJ_003 | IDJ_008 | |
| 852 | KAP_002 | KAP_010 | |
| 853 | MGZ_001 | MGZ_002 | |
| 854 | MTN_REG | MTN_003 | |
| 855 | YER_020_1 | YER_305 | |

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| 856 | YER_172 | YER_344 | |
| 857 | SUS_001 | ZRJ_001 | |
| 858 | ART_001 | ART_007 | |
| 859 | GYU_004 | GYU_030 | |
| 860 | KAP_006 | KAP_011 | |
| 861 | KTI_001 | KTI_002 | |
| 862 | AGH_01 | MOB_009 | |
| 863 | YER_083 | YER_308 | |
| 864 | YER_083 | YER_337 | |
| 865 | YER_205 | YER_338 | |
| 866 | YER_039 | YER_339 | |
| 867 | YER_031 | YER_340 | |
| 868 | ABO_005 | ABO_011 | |
| 869 | ABO_003 | ABO_012 | |
| 870 | IDJ_003 | IDJ_009 | |
| 871 | IDJ_001 | IDJ_009 | |
| 872 | GYU_007 | GYU_016 | |
| 873 | YER_020 | MSL_001 | |
| 874 | HER_001 | VDH_003 | |
| 875 | IDJ_001 | YNQ_002 | |
| 876 | M04_002 | AZK_001 | |
| 877 | KAP_009 | GGN_001 | |
| 878 | M02_016 | KHO_001 | |
| 879 | YER_084 | YER_349 | |
| 880 | YER_051 | YER_363 | |
| 881 | M06_011 | DBD_001 | |
| 882 | M12_002 | M12_006 | |
| 883 | SAS_001 | SAS_002 | |
| 884 | SEV_005 | MOB_010 | |
| 885 | YER_250 | YER_231 | |
| 886 | NOY_001 | KGB_002 | |
| 887 | LHV_MW | M02_024 | |
| 888 | LHV_MW | AGK_005 | |
| 889 | LHV_MW | VHR_001 | |
| 890 | YER_122 | YER_377 | |
| 891 | QSN_001 | TND_001 | |
| 892 | YER_010 | YER_373 | |
| 893 | NOY_002 | NOY_003 | |
| 894 | NKA_001 | AGP_001 | |
| 895 | TND_001 | TND_002 | |
| 896 | DOV_001 | KHN_001 | |
| 897 | DIL_002 | DIL_010 | |
| 898 | M06_008 | TGH_002 | |
| 899 | YER_027 | YER_387 | |
| 900 | YER_001 | YER_386 | |
| 901 | YER_248 | YER_381 | |
| 902 | GRG_001 | PUS_001 | |
| 903 | YER_065 | NUB_003 | |
| 904 | YER_256 | YER_389 | |
| 905 | AGT_003 | AGT_004 | |
| 906 | YER_169 | YER_335 | |
| 907 | YER_169 | YER_035 | |
| 908 | YER_169 | YER_394 | |
| 909 | M05_001 | ALC_001 | |
| 910 | ARM_01 | JRN_001 | |
| 911 | EGH_002 | GET_001 | |
| 912 | HTG_001 | GKT_001 | |
| 913 | AZP_001 | AZP_002 | |
| 914 | IDJ_004 | YNQ_001 | |
| 915 | YER_006 | YER_168 | |
| 916 | M12_003 | M12_004 | |
| 917 | VDH_003 | GEK_001 | |
| 918 | YER_025 | YER_388 | |
| 919 | GET_01 | HYN_001 | |
| 920 | YER_027 | YER_404 | |

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| 921 | GYU_005 | GYU_008 | |
| 922 | EGH_002 | EGH_004 | |
| 923 | YER_027 | YER_393 | |
| 924 | YER_004 | YER_333 | |
| 925 | YER_032 | YER_399 | |
| 926 | YER_027 | YER_405 | |
| 927 | ARM_003 | ARM_012 | |
| 928 | ARM_004 | ARM_010 | |
| 929 | AGS_001 | KAN_001 | |
| 930 | YER_169 | YER_406 | |
| 931 | KHP_001 | AZA_001 | |
| 932 | YER_381 | YER_319 | |
| 933 | VBD_001 | MOB_007 | |
| 934 | YER_123 | YER_419 | |
| 935 | YER_010 | YER_421 | |
| 936 | SHA_001 | DST_001 | |
| 937 | YER_147 | YER_407 | |
| 938 | YER_247 | YER_426 | |
| 939 | YER_381 | YER_431 | |
| 940 | TEG_001 | MOB_005 | |
| 941 | CHK_001 | DBT_001 | |
| 942 | YER_143 | YER_418 | |

2) աշխարհագրական կոորդինատները, բարձրությունը ծովի մակերևույթից՝

| Հ/հ | Ռադիոռելեային կապի գծի հատվածի անվանումը | | Աշխարհագրական կոորդինատները | | Բարձրությունը ծովի մակերևույթից (մ) | |
|-----|--|---------|-----------------------------|---------|-------------------------------------|---------|
| | կայան 1 | կայան 2 | կայան 1 | կայան 2 | կայան 1 | կայան 2 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | AGH_002 | AGH_01 | | | 1546.41 | 1478.55 |
| 2 | AGH_01 | AGH_REG | | | 1478.55 | 1659.25 |
| 3 | AGK_001 | AGK_004 | | | 999.27 | 871.63 |
| 4 | AJR_001 | SAL_001 | | | 1787.69 | 1696.71 |
| 5 | AMB_001 | ARM_03 | | | 950.56 | 918.67 |
| 6 | AMS_001 | ABO_003 | | | 1526.79 | 1480.37 |
| 7 | ANQ_001 | KCH_001 | | | 1956.44 | 1979.5 |
| 8 | ARP_001 | EGH_003 | | | 1093.8 | 1408.04 |
| 9 | ASH_005 | VSZ_001 | | | 1104 | 1052.96 |
| 10 | CHA_004 | CHA_003 | | | 1625.8 | 1627.66 |
| 11 | CHM_003 | CHM_001 | | | 1859.27 | 1909.68 |
| 12 | DIL_008 | MOB_008 | | | 1372.22 | 1372.87 |
| 13 | GAV_003 | GDZ_001 | | | 2032.02 | 1982.71 |
| 14 | GAV_003 | SRH_001 | | | 2032.02 | 1981.3 |
| 15 | GDV_01 | JER_002 | | | 1796.83 | 2048.44 |
| 16 | GTN_001 | MTN_REG | | | 2037.67 | 1994.57 |
| 17 | GTS_001 | MTN_REG | | | 1976.17 | 1994.57 |
| 18 | HAG_002 | KAD_001 | | | 1405.13 | 1422.27 |
| 19 | HRA_REG | HRA_001 | | | 1724.3 | 1736.68 |
| 20 | IDJ_005 | IDJ_001 | | | 1888.49 | 1629.03 |
| 21 | IDJ_005 | M04_010 | | | 1888.49 | 1414.38 |
| 22 | VST_001 | VSZ_001 | | | 1023.55 | 1052.96 |
| 23 | YER_020 | YER_291 | | | 858.99 | 861,77 |
| 24 | YER_320 | YER_028 | | | 999.68 | 1013,97 |
| 25 | GKS_001 | NBS_001 | | | 852 | 861 |
| 26 | YER_246 | YER_049 | | | 1140 | 1123 |
| 27 | YEG_006 | YEG_001 | | | 1328 | 1329 |
| 28 | GTM_001 | M04_002 | | | 1343.08 | 1855.6 |
| 29 | NZM_001 | ZRK_001 | | | 836 | 832.5 |
| 30 | BZB_004 | M01_004 | | | 1551.06 | 1707.7 |
| 31 | YER_293 | YER_086 | | | 899.33 | 899.2 |
| 32 | SPN_001 | ZRK_001 | | | 831.7 | 832.5 |
| 33 | MLK_002 | MLK_001 | | | 2094.6 | 2080.97 |
| 34 | TAS_002 | TAS_001 | | | 1503.25 | 1504.33 |

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|----|---------|---------|--|--|---------|---------|
| 35 | AMR_001 | LEJ_001 | | | 1391.84 | 1468.6 |
| 36 | YER_303 | YER_013 | | | 1133.79 | 1143.33 |
| 37 | AZK_002 | AZK_001 | | | 1608 | 1663.2 |
| 38 | YER_301 | YER_135 | | | 1275.42 | 1331.53 |
| 39 | THS_001 | GAV_003 | | | 2159 | 2032.02 |
| 40 | HRA_014 | HRA_009 | | | 1779.57 | 1736.47 |
| 41 | YER_307 | YER_095 | | | 1127 | 1055.09 |
| 42 | YER_304 | YER_044 | | | 1044.47 | 1039.48 |
| 43 | ART_006 | VOS_001 | | | 838.27 | 834.07 |
| 44 | U21_014 | YER_032 | | | 1337.92 | 1298.5 |
| 45 | YER_297 | YER_010 | | | 1136.31 | 1107.33 |
| 46 | U21_005 | YER_001 | | | 989.05 | 979.74 |
| 47 | BVR_001 | SRG_001 | | | 2115.27 | 2226.65 |
| 48 | BZM_001 | VAN_009 | | | 1551 | 1481.49 |
| 49 | GTN_002 | GTS_001 | | | 1977.95 | 1976.17 |
| 50 | HRA_013 | HRA_005 | | | 1742.42 | 1727.29 |
| 51 | ABO_008 | ABO_002 | | | 1458.75 | 1443.44 |
| 52 | BRN_002 | BRN_001 | | | 1415.87 | 1465.4 |
| 53 | VDK_002 | M11_001 | | | 1959.32 | 1967.27 |
| 54 | NOY_002 | NOY_001 | | | 824.24 | 999.04 |
| 55 | AKR_001 | M06_006 | | | 1096.12 | 1677.68 |
| 56 | HRG_001 | SRL_001 | | | 1727 | 1877 |
| 57 | ZOL_002 | ZOL_001 | | | 1976.74 | 2039.89 |
| 58 | BRQ_001 | GEG_01 | | | 2082.97 | 2219.32 |
| 59 | BAY_001 | GTQ_001 | | | 1479.57 | 1475.49 |
| 60 | SHN_001 | GSH_001 | | | 895.34 | 885.71 |
| 61 | NAL_002 | NAL_001 | | | 870.58 | 868.25 |
| 62 | DAL_001 | LRG_001 | | | 1010.58 | 1005.65 |
| 63 | EGP_001 | QCH_001 | | | 2008.51 | 1910.15 |
| 64 | JBI_001 | JRT_001 | | | 838.06 | 841.41 |
| 65 | VAG_010 | VAG_004 | | | 878.4 | 878.23 |
| 66 | LUK_001 | KNJ_001 | | | 872.02 | 881.33 |
| 67 | DZG_001 | CHQ_001 | | | 2018.66 | 1916.35 |
| 68 | GTP_001 | APM_001 | | | 1315.99 | 1469.67 |
| 69 | BDK_001 | ARA_04 | | | 865.8 | 883.38 |
| 70 | AJG_001 | ARM_01 | | | 861.83 | 862.6 |
| 71 | DGS_001 | SHA_001 | | | 925.37 | 930.03 |
| 72 | SNK_001 | QAR_001 | | | 1135 | 1226.65 |
| 73 | YRJ_001 | APN_001 | | | 1871.08 | 1835.09 |
| 74 | ARI_001 | APN_001 | | | 1897.11 | 1835.09 |
| 75 | ATP_005 | ATP_001 | | | 865.9 | 887.33 |
| 76 | ARZ_002 | NOR_001 | | | 1346.9 | 1376.95 |
| 77 | YER_271 | YER_012 | | | 1074.28 | 1079.33 |
| 78 | LRT_001 | AGA_001 | | | 1723.07 | 1453.56 |
| 79 | GAV_006 | GAV_003 | | | 1958.4 | 2032.02 |
| 80 | JVN_001 | JJR_001 | | | 1811.21 | 1702.43 |
| 81 | SPI_005 | SPI_002 | | | 1676.27 | 1612.08 |
| 82 | KSB_001 | ALP_001 | | | 1510.62 | 1614.17 |
| 83 | THN_001 | AZK_001 | | | 1550.54 | 1663.2 |
| 84 | DSG_002 | M06_003 | | | 1221.1 | 1162.6 |
| 85 | GTZ_001 | ARV_001 | | | 935.25 | 941.01 |
| 86 | ABO_009 | ABO_008 | | | 1477.6 | 1458.75 |
| 87 | GGR_001 | HVN_001 | | | 1626.38 | 1560.79 |
| 88 | GHN_001 | PNK_001 | | | 1852.22 | 1775.37 |
| 89 | YAG_001 | GUL_01 | | | 1336.87 | 1431.56 |
| 90 | LCK_001 | SPI_001 | | | 1729.05 | 1612.79 |
| 91 | PMZ_001 | GYU_03 | | | 1794.77 | 1764.9 |
| 92 | NRQ_001 | HOR_001 | | | 1619.73 | 1571.99 |
| 93 | AGQ_002 | GUL_01 | | | 1379.35 | 1431.56 |
| 94 | MGH_001 | KUR_001 | | | 1399.4 | 1265 |
| 95 | GLZ_001 | EGH_003 | | | 1383.68 | 1408.04 |
| 96 | LEJ_001 | GUL_01 | | | 1468.6 | 1431.56 |
| 97 | TUM_001 | M06_004 | | | 865.66 | 1101.06 |

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|-----|---------|---------|--|--|---------|---------|
| 98 | DVN_002 | DVN_001 | | | 883.07 | 924.12 |
| 99 | BDV_002 | ZRN_001 | | | 915 | 675.08 |
| 100 | LRG_002 | LRG_001 | | | 1032.08 | 1005.65 |
| 101 | DVN_003 | DVN_001 | | | 952.16 | 924.12 |
| 102 | GYU_028 | GYU_009 | | | 1539.8 | 1550.27 |
| 103 | YSH_001 | M02_003 | | | 808.97 | 874.04 |
| 104 | YER_275 | YER_020 | | | 859.32 | 858.99 |
| 105 | GVT_002 | GVT_001 | | | 2024.07 | 2119.8 |
| 106 | MYS_001 | MTM_001 | | | 874.45 | 868.66 |
| 107 | KYU_001 | MRM_001 | | | 865.39 | 843 |
| 108 | KRN_001 | TEG_001 | | | 1208.5 | 1336.8 |
| 109 | VGR_001 | KHT_001 | | | 1603.1 | 1619.7 |
| 110 | SMR_001 | M01_003 | | | 1158.7 | 1250.9 |
| 111 | GRN_002 | GRN_001 | | | 1446.1 | 1467.5 |
| 112 | NVN_001 | VGT_001 | | | 1710 | 1967.1 |
| 113 | LEN_001 | HKT_001 | | | 890.76 | 864.87 |
| 114 | UZR_002 | VED_MW | | | 1355.3 | 1321.7 |
| 115 | SYS_001 | MAS_004 | | | 828.88 | 829.53 |
| 116 | ZGK_001 | VDT_001 | | | 1677.37 | 1782 |
| 117 | HOV_002 | HOV_001 | | | 1677 | 837.53 |
| 118 | QAR_002 | QAR_001 | | | 1125 | 1226.65 |
| 119 | ALS_001 | MGT_001 | | | 997 | 853 |
| 120 | ARB_001 | KHP_001 | | | 856.76 | 849.95 |
| 121 | VAG_008 | VAG_004 | | | 904 | 878.23 |
| 122 | ERV_001 | BAG_001 | | | 972.25 | 1215.5 |
| 123 | MTR_001 | JRT_001 | | | 853 | 841.41 |
| 124 | ATP_004 | ATP_001 | | | 929.69 | 887.67 |
| 125 | MGR_001 | VDS_001 | | | 870 | 836.5 |
| 126 | ATG_001 | NAL_001 | | | 867.48 | 868.25 |
| 127 | AQN_001 | HVS_001 | | | 829.5 | 825.1 |
| 128 | MGT_002 | MGT_001 | | | 853.29 | 853 |
| 129 | ASV_001 | APN_001 | | | 1630.97 | 1835.09 |
| 130 | SHP_001 | LJN_001 | | | 1359 | 1808.88 |
| 131 | LSH_001 | LJN_001 | | | 1995.16 | 1808.88 |
| 132 | MZV_001 | AGH_01 | | | 1594.23 | 1478.55 |
| 133 | DDM_001 | M10_005 | | | 1877.86 | 1878.38 |
| 134 | TVG_001 | SEV_004 | | | 2001.58 | 1913.43 |
| 135 | GTS_002 | MTN_REG | | | 1951.94 | 1994.57 |
| 136 | AMT_001 | EGT_001 | | | 1298.2 | 1325.97 |
| 137 | MAS_007 | MAS_005 | | | 840.4 | 836.75 |
| 138 | GKK_001 | LJP_001 | | | 2201.04 | 2025.2 |
| 139 | KCT_001 | ODZ_001 | | | 1493.12 | 1366.6 |
| 140 | KHB_001 | M11_002 | | | 1956 | 1937.3 |
| 141 | NSZ_001 | ARQ_001 | | | 2286.37 | 2353.53 |
| 142 | HRJ_001 | HLD_001 | | | 1750 | 1521.86 |
| 143 | MEG_003 | MEG_001 | | | 689.26 | 698.67 |
| 144 | TNH_001 | AVI_001 | | | 1892.32 | 2112.16 |
| 145 | GNS_001 | NRV_001 | | | 2125 | 1530.55 |
| 146 | BNS_001 | AKL_001 | | | 1879 | 1977.81 |
| 147 | LRO_001 | DBS_001 | | | 1640.53 | 1915.96 |
| 148 | DVB_001 | M02_020 | | | 1084.93 | 1497.97 |
| 149 | DMR_001 | SYQ_001 | | | 868 | 734.65 |
| 150 | YER_233 | YER_102 | | | 1081.18 | 1063.73 |
| 151 | NGV_001 | M03_003 | | | 2054 | 2003.63 |
| 152 | YER_235 | MVN_002 | | | 1006.89 | 935.75 |
| 153 | YER_234 | YER_219 | | | 1125.91 | 1115.73 |
| 154 | HRN_001 | M02_017 | | | 1472 | 1428.55 |
| 155 | SHQ_001 | SIS_001 | | | 1760 | 2021.46 |
| 156 | QRN_001 | KHD_001 | | | 1558 | 1610 |
| 157 | KHD_002 | KHD_001 | | | 1480 | 1610 |
| 158 | M02_011 | M02_010 | | | 1655.31 | 1472.24 |
| 159 | NSH_001 | ARA_04 | | | 910 | 883.38 |
| 160 | TEG_002 | TEG_001 | | | 1422 | 1337.42 |

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|-----|---------|---------|--|--|---------|---------|
| 161 | SHK_001 | YGD_001 | | | 1344 | 1352.4 |
| 162 | BAL_003 | BAL_001 | | | 1387.29 | 1412.8 |
| 163 | GBJ_001 | GYU_016 | | | 1470.4 | 1526.66 |
| 164 | DZV_001 | DPB_001 | | | 1366.27 | 1324.98 |
| 165 | DZV_001 | AMJ_001 | | | 1366.27 | 1710.68 |
| 166 | ARM_03 | LMZ_001 | | | 918.67 | 987 |
| 167 | KMO_001 | JJR_001 | | | 1664.43 | 1702.43 |
| 168 | IDJ_001 | SVQ_001 | | | 1629.03 | 1722.18 |
| 169 | HRA_004 | HRA_012 | | | 1917.5 | 1808.52 |
| 170 | ODZ_002 | ODZ_001 | | | 1115.64 | 1366.6 |
| 171 | MSH_001 | GYB_001 | | | 1745.33 | 1720.3 |
| 172 | API_001 | GYU_014 | | | 1509.2 | 1506.43 |
| 173 | ZOL_001 | ADR_001 | | | 2039.89 | 2060.83 |
| 174 | M04_007 | IDJ_007 | | | 768.64 | 1192.85 |
| 175 | GOS_001 | GOS_002 | | | 1101.95 | 1351.88 |
| 176 | GDR_001 | HNB_001 | | | 2098.31 | 2109.87 |
| 177 | SPI_003 | LVN_001 | | | 1666.87 | 1812.91 |
| 178 | ATI_001 | SCH_001 | | | 1710.79 | 1709.8 |
| 179 | EDS_001 | NAM_001 | | | 1090.2 | 1046.57 |
| 180 | SEV_004 | TVG_002 | | | 1913.43 | 1976.6 |
| 181 | M10_005 | VRS_001 | | | 1878.38 | 1918.75 |
| 182 | AKH_001 | AKH_002 | | | 1541.92 | 1543.17 |
| 183 | YER_232 | YER_125 | | | 970.26 | 976.39 |
| 184 | VAY_002 | VAY_001 | | | 1258.85 | 1383.98 |
| 185 | VHT_001 | YER_074 | | | 1157.36 | 1142.73 |
| 186 | MEG_004 | MEG_002 | | | 545.77 | 501.94 |
| 187 | SEV_006 | SEV_001 | | | 1926.84 | 1915.49 |
| 188 | M06_010 | BGT_001 | | | 466.77 | 435.22 |
| 189 | ACH_001 | DTV_001 | | | 784.88 | 732.92 |
| 190 | AES_001 | M05_001 | | | 939.19 | 891 |
| 191 | AET_001 | VAZ_001 | | | 704 | 737.69 |
| 192 | AGK_003 | AGK_002 | | | 620.83 | 573.94 |
| 193 | AGL_001 | ASH_002 | | | 3211 | 1118.19 |
| 194 | AJB_001 | PAY_MW | | | 2196 | 1882.49 |
| | PAY_MW | GGI_001 | | | 1882.49 | 1845.36 |
| 195 | AKN_001 | KAT_001 | | | 1848.58 | 1759.8 |
| 196 | ALZ_001 | VNS_001 | | | 845.52 | 873.11 |
| 197 | AMA_002 | AMA_001 | | | 1981.45 | 2420.7 |
| 198 | APN_001 | HRT_001 | | | 1835.09 | 1868.81 |
| 199 | ARA_002 | ARA_001 | | | 838.29 | 832.24 |
| 200 | ARG_001 | HRT_001 | | | 1965.1 | 1868.81 |
| 201 | ARM_03 | AYS_001 | | | 918.67 | 941.02 |
| 202 | ARV_001 | GRN_001 | | | 939.64 | 1467.45 |
| 203 | ASH_006 | M01_001 | | | 1258.4 | 1205.29 |
| 204 | ATP_002 | ATP_001 | | | 887 | 887.67 |
| 205 | AVA_001 | M01_002 | | | 1745.25 | 1080.84 |
| 206 | AVI_001 | TSK_001 | | | 2112.14 | 1908.72 |
| 207 | BDN_001 | SRS_001 | | | 1993.7 | 2288.58 |
| 208 | BUJ_001 | BUJ_002 | | | 1780.57 | 1868.35 |
| 209 | CTN_001 | AVB_002 | | | 1346.89 | 1313.3 |
| 210 | DBS_001 | SNT_001 | | | 1915.96 | 1882.6 |
| 211 | EGH_003 | MAL_001 | | | 1408.04 | 1188.91 |
| 212 | EGN_001 | ZTK_001 | | | 846.71 | 845.19 |
| 213 | GAV_004 | NTS_001 | | | 1940.12 | 1928 |
| 214 | GDR_001 | GEG_01 | | | 2098.31 | 2219.32 |
| 215 | GET_01 | KHP_001 | | | 839.29 | 849.95 |
| 216 | GET_01 | ZRK_001 | | | 839.29 | 832.5 |
| 217 | GET_01 | AVT_001 | | | 839.29 | 860 |
| 218 | GOT_001 | GGD_002 | | | 1601.3 | 1997.12 |
| 219 | GRB_001 | ARM_02 | | | 842 | 839.48 |
| 220 | GTM_001 | KPT_001 | | | 1343.08 | 1738.51 |
| 221 | GYB_001 | JRD_001 | | | 1720.3 | 1824.56 |

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|-----|---------|---------|--|--|---------|---------|
| 222 | GYU_001 | GYU_018 | | | 1563.15 | 1547.43 |
| 223 | GYU_009 | GYU_020 | | | 1550.27 | 1583 |
| 224 | GYU_017 | GYU_001 | | | 1582.49 | 1563.15 |
| 225 | GYU_024 | GYU_013 | | | 1555.33 | 1559 |
| 226 | GYU_026 | GYU_010 | | | 1579 | 1573.31 |
| 227 | GYU_02 | MAN_001 | | | 2025.41 | 1973.24 |
| 228 | GYU_03 | ATK_001 | | | 1764.9 | 1771.94 |
| 229 | HAY_001 | BVN_001 | | | 1340 | 1430 |
| 230 | HAY_001 | GAY_001 | | | 836.7 | 850 |
| 231 | HER_001 | VDH_001 | | | 1953.63 | 2170 |
| 232 | HGK_001 | TSG_001 | | | 1817.56 | 2069.28 |
| 233 | HLV_MW | HLV_001 | | | 1606.13 | 1659.15 |
| | HLV_MW | LNP_001 | | | 1606.13 | 1646 |
| 234 | HRA_004 | HRA_007 | | | 1917.5 | 1860.54 |
| 235 | HRA_010 | HRA_005 | | | 1815 | 1727.29 |
| 236 | HTC_001 | M07_003 | | | 1746 | 2059.73 |
| 237 | HTG_001 | HVT_001 | | | 879.14 | 886.02 |
| 238 | HTG_001 | VAG_004 | | | 879.14 | 878.23 |
| 239 | HVS_001 | JRH_001 | | | 825.1 | 837.68 |
| 240 | HVS_001 | ART_001 | | | 825.1 | 834.21 |
| 241 | HVS_001 | JRS_001 | | | 825.1 | 942.11 |
| 242 | HVS_001 | ARA_04 | | | 825.1 | 883.38 |
| 243 | IDJ_002 | IDJ_004 | | | 687.27 | 709 |
| 244 | IDJ_002 | IDJ_003 | | | 687.27 | 787.21 |
| 245 | ISA_001 | SKV_001 | | | 1784.37 | 1527.92 |
| 246 | JRB_001 | M04_002 | | | 1756.82 | 1855.6 |
| 247 | JRT_001 | AQS_001 | | | 841.41 | 847 |
| 248 | KAP_002 | KAP_003 | | | 1119.36 | 1116.31 |
| 249 | KAP_003 | KAP_001 | | | 1116.31 | 777.84 |
| 250 | KCH_001 | ARQ_001 | | | 1979.5 | 2353.53 |
| 251 | KGB_001 | BDV_001 | | | 888.21 | 750 |
| 252 | KGT_001 | YGD_001 | | | 1433.63 | 1352.4 |
| 253 | KNJ_001 | ARM_003 | | | 881.33 | 873.72 |
| 254 | KQV_001 | M01_003 | | | 1761 | 1250.9 |
| 255 | KSH_001 | M01_002 | | | 1294.74 | 1080.84 |
| 256 | LCN_001 | SEV_002 | | | 1928.99 | 1937.56 |
| 257 | LUS_001 | PVD_001 | | | 821.27 | 827.77 |
| 258 | M01_004 | BZB_002 | | | 1707.7 | 1883.2 |
| 259 | M01_007 | GYU_03 | | | 1738.17 | 1764.9 |
| 260 | M02_001 | ARV_001 | | | 843.67 | 939.64 |
| 261 | M02_001 | LAN_001 | | | 843.67 | 1016.01 |
| 262 | M02_005 | VDT_001 | | | 2142.8 | 1782 |
| 263 | M03_001 | APN_001 | | | 1519.02 | 1835.09 |
| 264 | M03_005 | SNK_MW | | | 2171.11 | 2212.29 |
| 265 | M04_002 | FAN_001 | | | 1855.6 | 1848.15 |
| 266 | M04_008 | SGH_001 | | | 1067.87 | 886.26 |
| 267 | M04_010 | PRQ_001 | | | 1414.38 | 796.64 |
| 268 | M06_002 | EGT_001 | | | 1304.26 | 1325.97 |
| 269 | M06_003 | AYT_001 | | | 1162.6 | 1013 |
| 270 | M06_008 | CHO_001 | | | 647.07 | 731.27 |
| 271 | M07_001 | VAN_009 | | | 1532.43 | 1481.49 |
| 272 | M09_001 | GRG_001 | | | 2147.77 | 1424 |
| 273 | MAS_004 | NRM_001 | | | 829.53 | 827.03 |
| 274 | MTM_002 | MTM_001 | | | 860.93 | 868.66 |
| 275 | MRG_001 | PTG_001 | | | 1429.7 | 1322 |
| 276 | MRN_001 | MAY_001 | | | 1626.37 | 1676.42 |
| 277 | MVN_001 | YER_086 | | | 937.28 | 900.98 |
| 278 | NRA_001 | HKT_001 | | | 890 | 864.96 |
| 279 | NRM_001 | HVS_001 | | | 827.03 | 825.1 |
| 280 | NSN_001 | M10_001 | | | 1946 | 1947.37 |
| 281 | ORG_001 | BRN_001 | | | 1618.05 | 1465.4 |
| 282 | SAS_001 | ASH_001 | | | 1066.63 | 1241 |
| 283 | SEV_003 | SEV_005 | | | 1927 | 1930.66 |

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|-----|---------|---------|--|--|---------|---------|
| 284 | SNK_MW | M03_004 | | | 2212.29 | 2080.99 |
| 285 | SNK_MW | QCH_001 | | | 2212.29 | 1910.15 |
| 286 | SPI_001 | SPI_004 | | | 1612.79 | 1542.33 |
| 287 | SRL_001 | KTJ_001 | | | 1877.72 | 1728 |
| 288 | SRN_001 | SRN_PSR | | | 969 | 1073.51 |
| | TRG_MW | SRN_PSR | | | 1106.63 | 1073.51 |
| 289 | STE_002 | STE_001 | | | 1412.64 | 1396.4 |
| 290 | STE_002 | GUL_01 | | | 1412.64 | 1431.56 |
| 291 | SUS_001 | DZQ_001 | | | 1669.51 | 1753.49 |
| 292 | TAP_001 | PVD_001 | | | 824.23 | 827.77 |
| 293 | TKB_001 | SRL_001 | | | 1860.32 | 1877.72 |
| 294 | TNL_003 | M09_001 | | | 1753.96 | 2147.77 |
| 295 | TNL_MW | TNL_002 | | | 1868 | 1923.34 |
| | M04_004 | TNL_MW | | | 1752.22 | 1752.22 |
| 296 | TSH_001 | TSH_MW | | | 1568.13 | 1531.36 |
| | TSH_MW | M06_006 | | | 1531.36 | 1672 |
| 297 | TSN_001 | M04_010 | | | 849.39 | 1414.38 |
| 298 | TTV_001 | HLD_001 | | | 1720.47 | 1521.86 |
| 299 | TZG_001 | GTN_001 | | | 2118.58 | 2037.67 |
| 300 | URS_001 | M03_006 | | | 1560.27 | 1770.88 |
| 301 | VAG_005 | VAG_007 | | | 870.87 | 897 |
| 302 | VAR_004 | VAR_001 | | | 1947 | 1937.57 |
| 303 | VED_002 | VED_001 | | | 907.04 | 916.84 |
| 304 | VRD_002 | M02_024 | | | 1137.66 | 945.21 |
| 305 | YER_012 | YER_153 | | | 1079.33 | 1108.95 |
| 306 | YER_015 | YER_085 | | | 1195.74 | 1172 |
| 307 | YER_020 | YER_086 | | | 878 | 900.98 |
| 308 | YER_031 | YER_167 | | | 1140.52 | 1119.84 |
| 309 | YER_118 | YER_041 | | | 1076.33 | 1069.2 |
| 310 | YER_164 | YER_008 | | | 1366.1 | 1345.54 |
| 311 | YER_171 | YER_022 | | | 950.55 | 961.22 |
| 312 | YER_197 | YER_056 | | | 1064 | 1019.59 |
| 313 | ZRK_001 | DKT_001 | | | 832.5 | 843 |
| 314 | ZRK_001 | HVS_001 | | | 832.5 | 825.1 |
| 315 | M02_005 | AGH_01 | | | 2142.8 | 1485.43 |
| 316 | M07_003 | M07_002 | | | 2059.73 | 1788.37 |
| 317 | SPI_001 | M07_001 | | | 1612.79 | 1532.43 |
| 318 | M03_003 | APA_001 | | | 2003.63 | 1894.34 |
| 319 | ASH_001 | ERZ_001 | | | 1241 | 1190.47 |
| 320 | GYU_026 | GYU_011 | | | 1571.79 | 1562.08 |
| 321 | GYU_027 | GYU_009 | | | 1552.42 | 1550.27 |
| 322 | GYU_01 | HOR_001 | | | 1549.37 | 1559 |
| 323 | HRA_003 | HRA_011 | | | 1941.47 | 1822.33 |
| 324 | IDJ_005 | BRD_001 | | | 1888.68 | 1372.33 |
| 325 | JER_002 | JER_004 | | | 2048.29 | 2029.38 |
| 326 | KAR_001 | MUS_001 | | | 1604 | 1745.73 |
| 327 | GTV_001 | KHS_001 | | | 836.59 | 755.07 |
| 328 | M10_001 | LCP_001 | | | 1947.37 | 1949.08 |
| 329 | MVS_001 | ABO_003 | | | 1427.58 | 1480.37 |
| 330 | SLK_001 | QGS_001 | | | 1668.78 | 1739.12 |
| 331 | SHR_001 | M07_002 | | | 1649.5 | 1788.37 |
| 332 | STE_002 | STE_003 | | | 1412.64 | 1417.5 |
| 333 | URT_001 | SVR_001 | | | 1454.88 | 1494.47 |
| 334 | MTN_REG | VGN_001 | | | 1994.57 | 1950.79 |
| 335 | YEG_003 | YEG_005 | | | 1382 | 1360 |
| 336 | VSZ_001 | OSH_001 | | | 1052.96 | 1027.35 |
| 337 | M06_006 | SHL_001 | | | 1677.68 | 1244.02 |
| 338 | VAR_001 | VAR_005 | | | 1937.57 | 1941 |
| 339 | ABO_003 | AKQ_001 | | | 1480.37 | 1462.11 |
| 340 | ASH_007 | ASH_002 | | | 1105.08 | 1118.19 |
| 341 | ATK_004 | ATK_001 | | | 1752.64 | 1771.94 |
| 342 | GAV_005 | GAV_002 | | | 1981.42 | 1950.79 |
| 343 | ABO_003 | KOT_001 | | | 1480.37 | 1459 |

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| 344 | M03_001 | KRB_001 | | | 1519.02 | 1305.11 |
| 345 | M07_003 | PRN_001 | | | 2059.73 | 1730.96 |
| 346 | GUL_01 | KUR_001 | | | 1431.56 | 1265 |
| 347 | M03_006 | SVR_001 | | | 1770.88 | 1494.47 |
| 348 | PNK_001 | HCH_001 | | | 1775.37 | 2021.29 |
| 349 | SHT_001 | STQ_001 | | | 2085.62 | 2020.38 |
| 350 | ARS_001 | JYL_001 | | | 1923.98 | 2033.45 |
| 351 | AGG_001 | VSZ_001 | | | 1108.43 | 1052.96 |
| 352 | M03_005 | THT_001 | | | 2171.11 | 2103 |
| 353 | AEL_001 | CHA_003 | | | 1459.26 | 1627.66 |
| 354 | YEG_004 | YEG_003 | | | 1320.61 | 1338.88 |
| 355 | DIL_007 | DIL_001 | | | 1294.55 | 1306.13 |
| 356 | GTV_001 | IDJ_006 | | | 836.59 | 967.73 |
| 357 | KAP_008 | KAP_001 | | | 789.49 | 777.84 |
| 358 | ARA_04 | QTS_001 | | | 883.38 | 939.93 |
| 359 | HSH_001 | ARM_005 | | | 903.5 | 900.88 |
| 360 | ATS_001 | KHR_001 | | | 850 | 852.27 |
| 361 | EGH_001 | ADZ_001 | | | 1216.84 | 1172.47 |
| 362 | MAS_004 | SNV_001 | | | 829.53 | 832.4 |
| 363 | YER_219 | YER_013 | | | 1115.73 | 1143.33 |
| 364 | YER_008 | YER_223 | | | 1345.54 | 1341.54 |
| 365 | ATP_003 | YER_218 | | | 1006.81 | 1030.96 |
| 366 | HTG_001 | SHA_001 | | | 879.14 | 963 |
| 367 | GOR_003 | GOR_005 | | | 1358 | 1335.7 |
| 368 | YER_005 | YER_224 | | | 1062.24 | 1110.62 |
| 369 | YER_179 | YER_004 | | | 1115 | 1010.9 |
| 370 | YER_024 | YER_187 | | | 912.75 | 965 |
| 371 | YER_126 | YER_192 | | | 925.94 | 922 |
| 372 | YER_004 | YER_193 | | | 1010.9 | 995 |
| 373 | LOR_001 | AHD_001 | | | 1562 | 1479 |
| 374 | DOV_001 | ANT_001 | | | 1466.64 | 1360 |
| 375 | ZED_001 | ARN_001 | | | 1641.61 | 1615 |
| 376 | KAT_001 | ASN_001 | | | 1759.8 | 1479 |
| 377 | M09_004 | DZM_001 | | | 1623.92 | 1569 |
| 378 | DOV_001 | DZT_001 | | | 1466.64 | 1169 |
| 379 | MAY_001 | VHB_001 | | | 1676.42 | 1682 |
| 380 | KVT_001 | GTK_001 | | | 1210.75 | 1034 |
| 381 | GTM_001 | JRB_002 | | | 1343.08 | 1722 |
| 382 | VKA_001 | MSG_001 | | | 1320.88 | 1620 |
| 383 | YER_065 | NUB_002 | | | 1139.36 | 1095 |
| 384 | VAG_001 | PTQ_001 | | | 887.62 | 880 |
| 385 | LMN_001 | QBD_001 | | | 1918.74 | 1553.8 |
| 386 | LRK_001 | QRB_001 | | | 1956.13 | 1949 |
| 387 | M06_008 | QRK_001 | | | 647.07 | 633 |
| 388 | M03_004 | SIP_001 | | | 2080.99 | 2130 |
| 389 | M01_003 | AGA_001 | | | 1250.9 | 1460 |
| 390 | HTG_001 | AGC_001 | | | 879.14 | 950 |
| 391 | ART_001 | AGD_001 | | | 834.21 | 876.54 |
| 392 | YGD_001 | AGR_001 | | | 1352.4 | 1014 |
| 393 | M02_002 | AIG_001 | | | 844.31 | 847.71 |
| 394 | YER_032 | ARJ_001 | | | 1298.5 | 1354 |
| 395 | ARM_01 | ARK_001 | | | 862.6 | 875 |
| 396 | ATK_001 | ATK_003 | | | 1771.94 | 1785 |
| 397 | BGM_001 | AYK_001 | | | 953.67 | 972 |
| 398 | AMA_001 | GHZ_001 | | | 2420.7 | 2048 |
| 399 | SKV_001 | GSG_001 | | | 1527.92 | 1527 |
| 400 | GYU_007 | GYU_022 | | | 1529.25 | 1527 |
| 401 | ZVN_001 | ZVN_002 | | | 1194.06 | 1180.8 |
| 402 | FLT_001 | MHT_001 | | | 2021.7 | 1800 |
| 403 | ARV_001 | MNS_001 | | | 939.64 | 905 |
| 404 | AMA_001 | SPS_001 | | | 2420.7 | 2035 |
| 405 | M02_004 | SVK_001 | | | 1551.55 | 1239.2 |
| 406 | EGH_002 | SSK_001 | | | 1294.91 | 1212 |

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| 407 | YEG_002 | QNV_001 | | | 1292.02 | 1276 |
| 408 | BRD_002 | BRD_003 | | | 933.89 | 942.7 |
| 409 | YER_065 | BSN_001 | | | 1139.36 | 1164 |
| 410 | ZRV_001 | YEG_003 | | | 1465.64 | 1382 |
| 411 | M01_001 | PRS_001 | | | 1205.29 | 1236.5 |
| 412 | M01_001 | PRS_002 | | | 1205.29 | 1176.9 |
| 413 | M01_004 | BZB_003 | | | 1707.7 | 1484 |
| 414 | AKT_001 | MSQ_001 | | | 1867.24 | 1920 |
| 415 | ZRK_001 | DRB_001 | | | 832.5 | 844 |
| 416 | HKT_001 | SDP_001 | | | 864.96 | 916 |
| 417 | M05_001 | TRN_001 | | | 891 | 867 |
| 418 | MAQ_001 | GEQ_001 | | | 2294 | 2230 |
| 419 | ARL_001 | M05_001 | | | 906 | 880 |
| 420 | AGE_001 | HKT_001 | | | 893 | 862 |
| 421 | NKT_001 | M02_002 | | | 857 | 842 |
| 422 | MRM_001 | HVS_001 | | | 857 | 2270 |
| 423 | ALP_001 | AZK_001 | | | 1620 | 1649 |
| 424 | AST_001 | AMA_001 | | | 2012 | 2400 |
| 425 | MSK_001 | ARM_003 | | | 940 | 866 |
| 426 | BZB_001 | M01_004 | | | 1671 | 1696 |
| 427 | JFD_001 | ARM_01 | | | 883 | 863 |
| 428 | BMB_001 | ARM_01 | | | 888 | 863 |
| 429 | HRA_008 | HRA_001 | | | 2019 | 1725 |
| 430 | HTC_001 | GYU_003 | | | 1746 | 1579 |
| 431 | KAJ_003 | KAJ_001 | | | 1737 | 2160 |
| 432 | GSH_001 | ARM_005 | | | 885 | 897 |
| 433 | AHT_001 | VGT_001 | | | 1636 | 1903 |
| 434 | SRB_001 | ZVS_001 | | | 1931 | 2066 |
| 435 | BRK_001 | SIS_001 | | | 1732 | 2007 |
| 436 | RND_001 | AGH_01 | | | 1314 | 1466 |
| 437 | YER_155 | YER_007 | | | 1115 | 1137 |
| 438 | YER_177 | YER_125 | | | 977 | 958 |
| 439 | GYU_019 | GYU_005 | | | 1528 | 1540 |
| 440 | KAP_007 | KAP_003 | | | 914 | 1096 |
| 441 | YER_172 | YER_025 | | | 1166 | 1228 |
| 442 | M02_015 | SPD_001 | | | 2131.3 | 1977.86 |
| 443 | SHI_002 | SVD_002 | | | 2285.34 | 1502.89 |
| 444 | SHI_002 | SVD_001 | | | 2285.34 | 810.81 |
| 445 | YER_122 | YER_012 | | | 1080.14 | 1079.33 |
| 446 | ACH_001 | AZT_001 | | | 784.88 | 538.17 |
| 447 | JUJ_001 | KTI_001 | | | 1200.53 | 1123.72 |
| 448 | YER_048 | YER_154 | | | 1021.87 | 1198.09 |
| 449 | LPR_001 | GEG_01 | | | 2154.82 | 2219.32 |
| 450 | HRT_001 | QCH_001 | | | 1868.81 | 1910.15 |
| 451 | ATP_001 | ATP_003 | | | 887.33 | 1006.81 |
| 452 | HRA_006 | HRA_004 | | | 1708.22 | 1917.5 |
| 453 | YER_120 | YER_008 | | | 1267.84 | 1345.54 |
| 454 | YER_118 | YER_061 | | | 1076.33 | 1106.42 |
| 455 | STN_001 | STN_MW | | | 1312.83 | 1350.92 |
| 456 | VKT_001 | GET_01 | | | 849.44 | 839.29 |
| 457 | YER_159 | YER_089 | | | 918.71 | 971.36 |
| 458 | YER_176 | YER_025 | | | 1147.21 | 1240 |
| 459 | M02_016 | M02_019 | | | 2118.04 | 2032.28 |
| 460 | GTM_001 | M04_002 | | | 1343.08 | 1855.6 |
| 461 | QCH_001 | SNK_MW | | | 1910.15 | 2212.29 |
| 462 | SPI_002 | M03_005 | | | 1612.08 | 2171.11 |
| 463 | NRV_001 | AGH_01 | | | 1583.79 | 1659.25 |
| 464 | ZRT_001 | AMA_001 | | | 2139.99 | 2420.7 |
| 465 | VND_001 | ARM_005 | | | 1096.01 | 900.88 |
| 466 | AZN_001 | ARE_001 | | | 1500.7 | 1526.49 |
| 467 | GAV_004 | SHO_001 | | | 1958.75 | 2134.47 |
| 468 | GEG_01 | M03_005 | | | 2219.32 | 2171.11 |
| 469 | GYU_012 | GYU_007 | | | 1519.21 | 1529.61 |

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| 470 | KAP_004 | KAP_001 | | | 797.25 | 777.84 |
| 471 | KAP_001 | KAP_006 | | | 777.84 | 822.38 |
| 472 | KAP_002 | KAP_003 | | | 1119.36 | 1116.31 |
| 473 | M01_005 | MSA_001 | | | 1826.58 | 1739.36 |
| 474 | M02_019 | SHU_001 | | | 2032.28 | 1529.01 |
| 475 | M03_004 | MLK_001 | | | 2080.99 | 2080.97 |
| 476 | M03_005 | SRM_001 | | | 2171.11 | 1982.73 |
| 477 | M04_003 | IDJ_001 | | | 2440.22 | 1629.03 |
| 478 | M01_005 | M05_001 | | | 1826.58 | 891 |
| 479 | M07_001 | LNP_001 | | | 1532.43 | 1659.15 |
| 480 | GUR_001 | M07_001 | | | 1565.67 | 1532.43 |
| 481 | M10_001 | DRA_001 | | | 1947.37 | 2079.36 |
| 482 | M10_003 | TPT_001 | | | 1971.98 | 1911.97 |
| 483 | SHI_002 | SHI_001 | | | 2285.34 | 2103.92 |
| 484 | CHM_002 | SHO_001 | | | 2103.92 | 2134.47 |
| 485 | SPI_002 | SPI_001 | | | 1612.08 | 1612.79 |
| 486 | ARS_001 | TPT_001 | | | 1923.98 | 1911.97 |
| 487 | TUJ_001 | VHN_001 | | | 1814.25 | 1965.24 |
| 488 | NKA_001 | VKA_001 | | | 989.85 | 1320.88 |
| 489 | YER_065 | NUB_001 | | | 1137.53 | 1185.1 |
| 490 | YEG_001 | ZRV_001 | | | 1329.74 | 1464.69 |
| 491 | YER_152 | ZVN_001 | | | 1142.21 | 1194.06 |
| 492 | AGN_002 | AGN_001 | | | 1997.67 | 1766.51 |
| 493 | ALA_002 | ALA_001 | | | 742.47 | 921.35 |
| 494 | ALV_001 | NRN_002 | | | 496.47 | 579.93 |
| 495 | AMS_001 | SVB_001 | | | 1526.79 | 2052.47 |
| 496 | ARA_003 | SUR_001 | | | 816.25 | 831.83 |
| 497 | DVN_001 | ARA_04 | | | 924.12 | 883.38 |
| 498 | AGS_001 | ARA_04 | | | 868 | 883.38 |
| 499 | ARA_04 | NAR_001 | | | 883.38 | 1057.3 |
| 500 | ARM_005 | NAL_001 | | | 900.88 | 868.25 |
| 501 | ARM_04 | ARM_01 | | | 979.07 | 862.6 |
| 502 | ARM_01 | TAN_001 | | | 862.6 | 856.33 |
| 503 | BGM_002 | ARM_04 | | | 1039.6 | 979.07 |
| 504 | ASH_001 | ASH_004 | | | 1241 | 1158.5 |
| 505 | LOR_001 | ATA_001 | | | 1562.2 | 1756.8 |
| 506 | AGN_001 | AZK_001 | | | 1766.51 | 1663.2 |
| 507 | BAL_001 | BAL_002 | | | 1412.8 | 1375.09 |
| 508 | BGN_001 | KUT_001 | | | 1109.19 | 795.01 |
| 509 | BRD_002 | BRD_001 | | | 933.89 | 1372.45 |
| 510 | NAV_001 | BRD_001 | | | 1565.8 | 1372.45 |
| 511 | CHK_001 | DSG_001 | | | 1522.33 | 1588.93 |
| 512 | GEG_001 | NUR_001 | | | 1395.7 | 1429.01 |
| 513 | HOV_001 | GET_01 | | | 837.53 | 839.29 |
| 514 | GTM_001 | NOR_001 | | | 1343.08 | 1376.95 |
| 515 | MRG_001 | GTM_001 | | | 1429.7 | 1343.08 |
| 516 | LCH_001 | GTS_001 | | | 1960 | 1976.17 |
| 517 | GYB_001 | VGJ_001 | | | 1720.3 | 1615.82 |
| 518 | GEG_001 | HAI_001 | | | 1395.7 | 1340.21 |
| 519 | AGV_001 | HRA_001 | | | 1742.16 | 1736.68 |
| 520 | HRA_004 | LRN_001 | | | 1917.5 | 1894.23 |
| 521 | JER_001 | JER_003 | | | 2179.41 | 2077.05 |
| 522 | JRT_001 | HAY_001 | | | 841.41 | 836.7 |
| 523 | APG_001 | JRT_001 | | | 842 | 841.41 |
| 524 | KAP_005 | KAP_002 | | | 854.26 | 1119.36 |
| 525 | KAP_003 | SYQ_001 | | | 1116.31 | 743.54 |
| 526 | DTD_001 | KAT_001 | | | 1447.83 | 1759.8 |
| 527 | GGI_001 | KAV_001 | | | 1897.91 | 1945.61 |
| 528 | KVT_001 | KAP_003 | | | 1210.75 | 1116.31 |
| 529 | M01_002 | UJN_001 | | | 1081.22 | 1163.7 |
| 530 | M01_003 | KSH_001 | | | 1250.9 | 1294.74 |
| 531 | M01_005 | TAL_001 | | | 1826.58 | 1598.6 |
| 532 | MAR_001 | M01_007 | | | 1735.51 | 1738.17 |

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| 533 | M02_001 | BYU_001 | | | 843.04 | 869.39 |
| 534 | ELP_001 | M02_006 | | | 1640.94 | 1306.75 |
| 535 | M02_009 | GMQ_001 | | | 1418.8 | 1901.14 |
| 536 | CHA_004 | M04_002 | | | 1625.8 | 1855.6 |
| 537 | CHA_002 | M04_002 | | | 1654.5 | 1855.6 |
| 538 | FLT_001 | M04_003 | | | 2021.7 | 2440.22 |
| 539 | M04_004 | DIL_003 | | | 1761.23 | 1487.6 |
| 540 | M04_005 | HAG_001 | | | 1248.64 | 1037.88 |
| 541 | M04_010 | TOV_001 | | | 1414.38 | 1235.66 |
| 542 | M05_001 | EGN_001 | | | 891 | 846.71 |
| 543 | EDS_001 | M05_001 | | | 1090.2 | 891 |
| 544 | ODZ_001 | M06_005 | | | 1366.6 | 1001.72 |
| 545 | M06_008 | TGH_001 | | | 647.07 | 913.82 |
| 546 | JIL_001 | M06_011 | | | 1229.13 | 699.8 |
| 547 | M09_001 | GUL_01 | | | 2147.77 | 1431.56 |
| 548 | HRV_001 | M10_002 | | | 1956.3 | 2054.23 |
| 549 | YRN_001 | M10_004 | | | 2043.55 | 1960.7 |
| 550 | M11_001 | ANS_001 | | | 1967.27 | 1960.75 |
| 551 | M04_003 | M14_001 | | | 2440.22 | 1912.77 |
| 552 | YAN_001 | MAD_001 | | | 2300.72 | 2309.15 |
| 553 | MGT_001 | MTM_001 | | | 853 | 868.66 |
| 554 | MTN_002 | ZOL_001 | | | 1941.16 | 2039.89 |
| 555 | ARZ_001 | NOR_001 | | | 1332.51 | 1376.95 |
| 556 | NOY_001 | BKM_001 | | | 999.04 | 1015.68 |
| 557 | KGB_001 | NOY_001 | | | 888.21 | 999.04 |
| 558 | DRK_001 | NRK_001 | | | 2179.3 | 1937.27 |
| 559 | RAN_001 | NRM_001 | | | 828.94 | 827.03 |
| 560 | NRN_002 | NRN_001 | | | 579.93 | 628.84 |
| 561 | QAR_001 | LRG_001 | | | 1226.65 | 1005.65 |
| 562 | SHT_001 | ZOD_001 | | | 2085.62 | 2458.65 |
| 563 | BGV_001 | SUS_001 | | | 1510.83 | 1669.51 |
| 564 | HAT_001 | SVB_001 | | | 2088.26 | 2052.47 |
| 565 | TRG_MW | YGD_001 | | | 1106.63 | 1352.4 |
| 566 | MGN_001 | VAG_004 | | | 900.47 | 878.23 |
| 567 | AZP_001 | VDS_001 | | | 845 | 836.5 |
| 568 | VKH_001 | GTQ_001 | | | 1534.21 | 1475.49 |
| 569 | YAN_001 | SEL_001 | | | 2300.72 | 2350.19 |
| 570 | YER_080 | YER_008 | | | 1297.46 | 1345.54 |
| 571 | PAR_001 | YER_020 | | | 882.1 | 858.99 |
| 572 | YER_127 | YER_026 | | | 897.82 | 902.22 |
| 573 | AVN_001 | YER_032 | | | 1311.3 | 1298.5 |
| 574 | M01_001 | YER_074 | | | 1205.29 | 1142.73 |
| 575 | QAS_001 | YER_074 | | | 1176.69 | 1142.73 |
| 576 | YER_151 | YER_095 | | | 1041.17 | 1055.09 |
| 577 | ZED_001 | ATV_001 | | | 1658 | 1914.41 |
| 578 | BAG_001 | KAT_001 | | | 1215.5 | 1759.8 |
| 579 | KRT_001 | SRS_001 | | | 1614.58 | 2288.58 |
| 580 | DOV_001 | M02_019 | | | 1466.64 | 2032.28 |
| 581 | KAP_003 | YGD_001 | | | 1116.31 | 1352.4 |
| 582 | TRG_MW | YGD_001 | | | 1106.63 | 1352.4 |
| 583 | TSV_001 | TRG_MW | | | 1062.33 | 1106.63 |
| 584 | SHI_001 | TSV_001 | | | 2103.92 | 1062.33 |
| 585 | AGK_001 | AGK_002 | | | 999.27 | 573.94 |
| 586 | M02_002 | VED_MW | | | 844.31 | 1321.69 |
| 587 | AVB_001 | CTN_001 | | | 1361.84 | 1346.89 |
| 588 | MRK_001 | HRA_001 | | | 1823.86 | 1736.68 |
| 589 | MGZ_001 | MRK_001 | | | 1858.81 | 1823.86 |
| 590 | ATZ_002 | MGZ_001 | | | 1854.79 | 1858.81 |
| 591 | ATZ_001 | ATZ_002 | | | 1854.79 | 1854.79 |
| 592 | ELN_001 | ATZ_001 | | | 1997 | 2000.6 |
| 593 | KAP_003 | CHT_001 | | | 1116.31 | 1325.84 |
| 594 | BJN_001 | M04_002 | | | 1556 | 1855.6 |
| 595 | KAJ_001 | KAV_001 | | | 2187.09 | 1945.61 |

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|-----|---------|---------|--|--|---------|---------|
| 596 | SRS_001 | M02_009 | | | 2288.58 | 1418.8 |
| 597 | GAV_001 | GAV_002 | | | 1973.87 | 1951.3 |
| 598 | AVB_001 | AGZ_MW | | | 1361.84 | 900.38 |
| 599 | AGZ_MW | AGZ_001 | | | 900.38 | 789.85 |
| 600 | M09_001 | ATA_001 | | | 2147.77 | 1756.8 |
| 601 | AMS_001 | GSN_001 | | | 1526.79 | 1643.25 |
| 602 | QAR_001 | ARM_04 | | | 1226.65 | 979.07 |
| 603 | M01_006 | ZVS_001 | | | 1982.72 | 2081.76 |
| 604 | GYU_03 | LRK_001 | | | 1764.9 | 1956.13 |
| 605 | KRS_001 | M02_013 | | | 2035.09 | 2391 |
| 606 | AKT_001 | SIS_001 | | | 1867.24 | 2021.46 |
| 607 | SIS_001 | AKL_001 | | | 2021.46 | 1977.81 |
| 608 | TSK_001 | AKL_001 | | | 1908.72 | 1977.81 |
| 609 | DTK_001 | AKL_001 | | | 1891.44 | 1977.81 |
| 610 | DBS_001 | VGT_001 | | | 1915.96 | 1967.12 |
| 611 | GOR_006 | KHD_001 | | | 1783.89 | 1610 |
| 612 | KHD_001 | TEG_001 | | | 1610 | 1336.83 |
| 613 | KAP_003 | AVK_001 | | | 1116.31 | 1230.93 |
| 614 | M04_003 | KAD_001 | | | 2440.22 | 1422.27 |
| 615 | DZV_001 | AYG_001 | | | 1366.27 | 1394.95 |
| 616 | DZV_001 | MRT_001 | | | 1366.27 | 1814.6 |
| 617 | KAD_001 | DZV_001 | | | 1422.27 | 1366.27 |
| 618 | MRT_001 | TUJ_001 | | | 1814.6 | 1814.25 |
| 619 | TUJ_001 | CHM_001 | | | 1814.25 | 1909.68 |
| 620 | M03_006 | PVN_001 | | | 1770.88 | 1651.41 |
| 621 | M03_006 | LER_001 | | | 1770.88 | 1629.63 |
| 622 | M09_004 | ATI_001 | | | 1623.92 | 1710.79 |
| 623 | MTV_001 | M09_003 | | | 1575.37 | 1516.87 |
| 624 | ZRV_001 | GTM_001 | | | 1464.69 | 1343.08 |
| 625 | YEG_002 | GTM_001 | | | 1292.02 | 1343.08 |
| 626 | M04_008 | VAZ_001 | | | 1067.87 | 766.69 |
| 627 | IDJ_002 | IDJ_001 | | | 687.27 | 1629.03 |
| 628 | GTV_001 | IDJ_001 | | | 835.72 | 1629.03 |
| 629 | ACH_001 | VAZ_001 | | | 784.88 | 766.69 |
| 630 | BRD_001 | CTN_001 | | | 1372.45 | 1346.89 |
| 631 | BGN_001 | M04_008 | | | 1109.19 | 1067.87 |
| 632 | BGN_001 | KTI_001 | | | 1109.19 | 1123.72 |
| 633 | SAL_001 | ZED_001 | | | 1696.71 | 1658 |
| 634 | SAL_001 | STN_001 | | | 1696.71 | 1312.83 |
| 635 | SMB_001 | HER_001 | | | 1855.07 | 1953.63 |
| 636 | SRI_001 | DZN_001 | | | 2016.61 | 2124.85 |
| 637 | AMA_001 | DZN_001 | | | 2420.7 | 2124.85 |
| 638 | PGN_001 | AMA_001 | | | 2047.25 | 2420.7 |
| 639 | AMA_001 | SRG_001 | | | 2420.7 | 2226.65 |
| 640 | M07_003 | SRL_001 | | | 2059.73 | 1877.72 |
| 641 | SPI_001 | AVS_001 | | | 1612.79 | 1612.47 |
| 642 | AZN_001 | MUS_001 | | | 1500.7 | 1745.73 |
| 643 | DRG_001 | M10_004 | | | 2043.49 | 1960.7 |
| 644 | GTS_001 | GVT_001 | | | 1976.17 | 2119.8 |
| 645 | MAD_001 | GTS_001 | | | 2309.15 | 1976.17 |
| 646 | M11_002 | MAQ_001 | | | 1937.3 | 2294.04 |
| 647 | GAV_003 | LJP_001 | | | 2032.02 | 2025.36 |
| 648 | HVN_001 | GRN_001 | | | 1560.79 | 1467.45 |
| 649 | SEV_002 | SEV_001 | | | 1937.56 | 1915.49 |
| 650 | KAJ_002 | KAJ_001 | | | 1804.73 | 2187.09 |
| 651 | M10_004 | GTS_001 | | | 1960.7 | 1976.17 |
| 652 | PGB_001 | M09_003 | | | 1705.2 | 1516.87 |
| 653 | M06_009 | ZRN_001 | | | 689.5 | 675.08 |
| 654 | HBT_001 | SMB_001 | | | 1887.13 | 1855.07 |
| 655 | M10_002 | GAV_004 | | | 2054.23 | 1958.75 |
| 656 | GYU_009 | AKH_001 | | | 1550.27 | 1541.9 |
| 657 | VKA_001 | CTN_001 | | | 1320.88 | 1346.89 |
| 658 | GTS_001 | VDK_001 | | | 1976.17 | 2022.33 |

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| 659 | VED_MW | LJN_001 | | | 1321.69 | 1808.88 |
| 660 | VED_MW | UZR_001 | | | 1321.69 | 1113.35 |
| 661 | VSZ_001 | YER_079 | | | 1052.96 | 1181.52 |
| 662 | ZRV_001 | BUJ_001 | | | 1464.69 | 1780.57 |
| 663 | M05_001 | HTG_001 | | | 891 | 879.14 |
| 664 | HTG_001 | BGM_001 | | | 879.14 | 953.67 |
| 665 | M05_001 | ATS_001 | | | 891 | 849.78 |
| 666 | HKT_001 | ARM_01 | | | 864.87 | 862.6 |
| 667 | M01_005 | KAT_001 | | | 1826.58 | 1759.8 |
| 668 | SEV_003 | SEV_001 | | | 1927 | 1915.49 |
| 669 | M02_005 | KHC_001 | | | 2142.8 | 1826.48 |
| 670 | AGH_01 | EGH_003 | | | 1478.55 | 1408.04 |
| 671 | GRN_001 | GOT_001 | | | 1467.45 | 1601.3 |
| 672 | GOT_001 | GGD_001 | | | 1601.3 | 1719.25 |
| 673 | SHM_001 | LMN_001 | | | 1504.86 | 1918.99 |
| 674 | M04_003 | SEV_004 | | | 2440.22 | 1913.43 |
| 675 | M01_005 | VKS_001 | | | 1826.58 | 2112.07 |
| 676 | GYU_03 | PNK_001 | | | 1764.9 | 1775.37 |
| 677 | HRA_004 | ZVB_001 | | | 1917.5 | 1767.48 |
| 678 | M03_003 | CHQ_001 | | | 2003.63 | 1916.35 |
| 679 | AMA_001 | TSG_001 | | | 2420.7 | 2069.28 |
| 680 | AMA_001 | AGB_001 | | | 2420.7 | 2032.35 |
| 681 | MTS_001 | M02_009 | | | 1991.39 | 1418.8 |
| 682 | ATN_001 | QAR_001 | | | 1216.02 | 1226.65 |
| 683 | GTM_001 | BAL_001 | | | 1343.08 | 1412.8 |
| 684 | GTM_001 | ABO_003 | | | 1343.08 | 1480.37 |
| 685 | VKH_001 | AZN_001 | | | 1534.21 | 1500.7 |
| 686 | SKV_001 | AZN_001 | | | 1527.92 | 1500.7 |
| 687 | M11_002 | NRK_001 | | | 1937.3 | 1937.27 |
| 688 | MAY_001 | GYU_003 | | | 1676.42 | 1584.19 |
| 689 | MAY_001 | KMO_001 | | | 1676.42 | 1664.43 |
| 690 | GYB_001 | MAY_001 | | | 1720.3 | 1676.42 |
| 691 | KTN_001 | M03_006 | | | 1664.67 | M03_006 |
| 692 | GYU_03 | ATK_002 | | | 1764.9 | 1758.65 |
| 693 | M03_001 | OHN_001 | | | 1519.02 | 1304.7 |
| 694 | VSZ_001 | PRP_001 | | | 1052.96 | 1160.1 |
| 695 | ORG_001 | VSZ_001 | | | 1618.05 | 1052.96 |
| 696 | YER_025 | YER_084 | | | 1240 | 1191.3 |
| 697 | VED_001 | DSQ_001 | | | 916.84 | 979.91 |
| 698 | YER_027 | VBD_001 | | | 1398.96 | 1683.76 |
| 699 | HAI_001 | NOR_001 | | | 1340.21 | 1376.95 |
| 700 | KES_001 | ARM_005 | | | 910.15 | 900.88 |
| 701 | ARM_01 | PSH_001 | | | 862.6 | 855.72 |
| 702 | SUS_001 | M01_005 | | | 1669.51 | 1826.58 |
| 703 | APM_001 | SUS_001 | | | 1469.67 | 1669.51 |
| 704 | EGV_001 | M02_002 | | | 816.27 | 844.31 |
| 705 | AZK_001 | SLK_001 | | | 1663.2 | 1668.78 |
| 706 | YER_086 | YER_101 | | | 899.2 | 890.3 |
| 707 | YER_027 | DZB_001 | | | 1398.96 | 1551.18 |
| 708 | YER_102 | YER_077 | | | 1063.73 | 1055.86 |
| 709 | YER_042 | YER_032 | | | 1283.16 | 1298.5 |
| 710 | AGH_01 | M02_008 | | | 1478.55 | 1168.87 |
| 711 | AZT_01 | GDV_01 | | | 1581.28 | 1796.83 |
| 712 | CHA_001 | CHA_002 | | | 1670.44 | 1654.5 |
| 713 | ASH_002 | ASH_001 | | | 1118.19 | 1241 |
| 714 | ASH_003 | ASH_002 | | | 1133.8 | 1118.19 |
| 715 | M02_006 | AGH_01 | | | 1306.75 | 1478.55 |
| 716 | M02_007 | AGH_01 | | | 1087.21 | 1478.55 |
| 717 | VAG_004 | VAG_001 | | | 878.23 | 887.62 |
| 718 | VAG_003 | VAG_001 | | | 872.42 | 887.62 |
| 719 | HRA_004 | M10_005 | | | 1917.5 | 1878.38 |
| 720 | HRA_003 | HRA_001 | | | 1941.47 | 1736.68 |
| 721 | HRA_002 | HRA_004 | | | 1749 | 1917.5 |

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| 722 | ARA_002 | ARA_003 | | | 838.11 | 816.25 |
| 723 | M02_017 | GOR_006 | | | 1428.55 | 1783.89 |
| 724 | GYU_003 | GYU_02 | | | 1584.19 | 2025.41 |
| 725 | GYU_003 | M01_006 | | | 1584.19 | 1982.72 |
| 726 | GYU_003 | GYU_03 | | | 1584.19 | 1764.9 |
| 727 | GYU_01 | M01_007 | | | 1549.37 | 1738.17 |
| 728 | KAJ_001 | M02_021 | | | 2187.09 | 1179.73 |
| 729 | GOR_006 | M02_020 | | | 1783.89 | 1497.97 |
| 730 | AMA_001 | GYU_003 | | | 2420.7 | 1584.19 |
| 731 | ARA_003 | M02_003 | | | 816.25 | 874.04 |
| 732 | ASH_001 | M03_001 | | | 1241 | 1519.02 |
| 733 | GAV_002 | M10_002 | | | 1951.3 | 2054.23 |
| 734 | EGH_002 | VAY_001 | | | 1294.91 | 1383.98 |
| 735 | GOR_002 | GOR_001 | | | 1451.18 | 1593.92 |
| 736 | GOR_006 | GOR_003 | | | 1783.89 | 1358 |
| 737 | VRD_001 | MEG_001 | | | 2046.2 | 698.67 |
| 738 | VAG_005 | ARM_02 | | | 870.87 | 839.48 |
| 739 | SPI_003 | SPI_002 | | | 1666.87 | 1612.08 |
| 740 | M02_012 | M02_013 | | | 1715.61 | 2391 |
| 741 | M01_005 | M01_004 | | | 1826.58 | 1707.7 |
| 742 | M02_004 | M02_005 | | | 1551.55 | 2142.8 |
| 743 | M02_002 | VED_001 | | | 844.31 | 916.84 |
| 744 | M02_002 | ARA_002 | | | 844.31 | 838.11 |
| 745 | M02_001 | YER_065 | | | 843.04 | 1137.53 |
| 746 | MAS_001 | MAS_003 | | | 833.82 | 845.02 |
| 747 | MAS_002 | MAS_001 | | | 832.67 | 833.82 |
| 748 | M11_001 | M11_002 | | | 1967.27 | 1937.3 |
| 749 | M10_004 | M10_003 | | | 1960.7 | 1971.98 |
| 750 | M10_002 | GAV_003 | | | 2054.23 | 2032.02 |
| 751 | M01_002 | M03_001 | | | 1081.22 | 1519.02 |
| 752 | M01_004 | M05_001 | | | 1707.7 | 891 |
| 753 | M01_005 | M01_006 | | | 1826.58 | 1982.72 |
| 754 | M06_005 | CHK_001 | | | 1001.72 | 1522.33 |
| 755 | M06_004 | CHK_001 | | | 1101.06 | 1522.33 |
| 756 | M04_002 | HRA_004 | | | 1855.6 | 1917.5 |
| 757 | M04_001 | ABO_003 | | | 1550.47 | 1480.37 |
| 758 | M03_006 | GUL_01 | | | 1770.88 | 1431.56 |
| 759 | M03_005 | SPI_002 | | | 2171.11 | 1612.08 |
| 760 | KAP_002 | M02_021 | | | 1119.36 | 1179.73 |
| 761 | DIL_001 | M04_005 | | | 1306.13 | 1248.64 |
| 762 | DIL_001 | DIL_002 | | | 1306.13 | 1217.28 |
| 763 | M06_002 | CHK_001 | | | 1304.26 | 1522.33 |
| 764 | M04_008 | IDJ_001 | | | 1067.87 | 1629.03 |
| 765 | M04_008 | M04_009 | | | 1067.87 | 1116.74 |
| 766 | M04_004 | M04_003 | | | 1761.23 | 2440.22 |
| 767 | M09_003 | M03_006 | | | 1516.87 | 1770.88 |
| 768 | TAS_001 | M03_006 | | | 1504.33 | 1770.88 |
| 769 | M04_007 | IDJ_001 | | | 768.64 | 1629.03 |
| 770 | M09_003 | M09_004 | | | 1516.87 | 1623.92 |
| 771 | M06_010 | M06_009 | | | 466.77 | 689.5 |
| 772 | M06_007 | M06_008 | | | 814.38 | 647.07 |
| 773 | M06_006 | M06_009 | | | 1677.68 | 689.5 |
| 774 | M06_006 | M06_008 | | | 1677.68 | 647.07 |
| 775 | M06_005 | M06_006 | | | 1001.72 | 1677.68 |
| 776 | M06_003 | CHK_001 | | | 1162.6 | 1522.33 |
| 777 | M06_001 | M06_002 | | | 1416.55 | 1304.26 |
| 778 | M04_010 | BRD_001 | | | 1414.38 | 1372.45 |
| 779 | M04_009 | M04_010 | | | 1116.74 | 1414.38 |
| 780 | M04_006 | IDJ_001 | | | 1080.13 | 1629.03 |
| 781 | HRT_001 | M03_002 | | | 1868.81 | 1922.89 |
| 782 | ALA_001 | M06_006 | | | 921.35 | 1677.68 |
| 783 | M06_006 | NOY_001 | | | 1677.68 | 999.04 |
| 784 | YRJ_001 | SGK_001 | | | 1871.08 | 1967.12 |

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| 785 | JRP_001 | ISA_001 | | | 1611.63 | 1784.37 |
| 786 | KAJ_002 | KAJ_004 | | | 1804.73 | 2068.89 |
| 787 | KAP_003 | KAP_009 | | | 1116.31 | 962.79 |
| 788 | LNJ_001 | M02_005 | | | 1936.77 | 2142.8 |
| 789 | M01_005 | M01_008 | | | 1826.58 | 1949.93 |
| 790 | M01_007 | M01_009 | | | 1738.17 | 1877.18 |
| 791 | M03_006 | TAS_REG | | | 1770.88 | 1504.99 |
| 792 | M05_001 | VAG_010 | | | 891 | 878.4 |
| 793 | M07_002 | GOG_001 | | | 1788.37 | 1846.39 |
| 794 | M09_001 | VAN_009 | | | 2147.77 | 1481.49 |
| 795 | M10_002 | MTN_REG | | | 2054.23 | 1994.57 |
| 796 | M11_001 | EKP_001 | | | 1967.27 | 1921.65 |
| 797 | ACQ_001 | ORG_001 | | | 1258.1 | 1618.05 |
| 798 | MOB_003 | KRB_001 | | | 1134.67 | 1305.39 |
| 799 | ZAR_001 | ABO_003 | | | 1669 | 1480.37 |
| 800 | MOB_012 | M10_005 | | | 1851 | 1878.38 |
| 801 | MRM_001 | YER_226 | | | 843 | 957.67 |
| 802 | MTN_REG | M11_001 | | | 1994.57 | 1967.27 |
| 803 | MVN_002 | YER_086 | | | 935.75 | 899.2 |
| 804 | NRK_001 | GMS_001 | | | 1937.27 | 2113.15 |
| 805 | NSN_001 | SEV_001 | | | 1946 | 1915.49 |
| 806 | QRG_001 | SAL_001 | | | 1692.1 | 1696.71 |
| 807 | SIS_001 | MOB_001 | | | 2021.46 | 1620.89 |
| 808 | SNH_REG | M06_005 | | | 787.34 | 1001.72 |
| 809 | TAP_001 | GNV_001 | | | 824.23 | 875.94 |
| 810 | UZR_003 | UZR_002 | | | 2310 | 1355.33 |
| 811 | VAG_006 | VAG_009 | | | 874.47 | 869.03 |
| 812 | VAG_010 | VAG_002 | | | 878.4 | 876.04 |
| 813 | VAG_010 | ATM_001 | | | 878.4 | 860.73 |
| 814 | VAR_REG | TRF_001 | | | 1933.51 | 1937.52 |
| 815 | VAR_REG | VAR_002 | | | 1933.51 | 1956.63 |
| 816 | VAR_REG | VAR_001 | | | 1933.51 | 1937.57 |
| 817 | VAR_REG | SHT_001 | | | 1933.51 | 2085.62 |
| 818 | VAR_REG | KCH_001 | | | 1933.51 | 1979.5 |
| 819 | VAR_REG | VAR_003 | | | 1933.51 | 1937.96 |
| 820 | VAR_REG | M11_002 | | | 1933.51 | 1937.3 |
| 821 | VBD_001 | JRV_001 | | | 1683.76 | 1539.24 |
| 822 | VDS_001 | YHN_001 | | | 836.5 | 842.17 |
| 823 | YER_001 | YER_267 | | | 979.74 | 1055 |
| 824 | YER_005 | YER_225 | | | 1062.24 | 1090.9 |
| 825 | YER_015 | YER_279 | | | 1195.74 | 1199.17 |
| 826 | YER_053 | YER_169 | | | 1286.62 | 1265.68 |
| 827 | YER_070 | DAT_001 | | | 1213.47 | 1156.78 |
| 828 | YER_086 | YER_020_1 | | | 899.2 | 865.18 |
| 829 | YER_088 | YER_284 | | | 924.56 | 932.17 |
| 830 | YER_143 | YER_277 | | | 989.87 | 989.11 |
| 831 | YER_187 | YER_270 | | | 935.44 | 1005.96 |
| 832 | YER_269 | YER_026 | | | 892.27 | 902.22 |
| 833 | YER_323 | YER_141 | | | 959.3 | 995.23 |
| 834 | GYU_007 | AZN_001 | | | 1529.61 | 1500.7 |
| 835 | GYU_007 | GYU_014 | | | 1529.61 | 1506.43 |
| 836 | ALV_001 | SHI_002 | | | 496.47 | 2285.34 |
| 837 | NBS_001 | DKT_001 | | | 861.56 | 845.84 |
| 838 | FLT_001 | LMN_001 | | | 2021.7 | 1918.99 |
| 839 | GYU_005 | GYU_029 | | | 1540.47 | 1544.35 |
| 840 | VNS_001 | SSV_001 | | | 873.11 | 867.92 |
| 841 | M02_022 | VRD_001 | | | 2573.76 | 2046.2 |
| 842 | TSL_001 | HTG_001 | | | 899.5 | 879.14 |
| 843 | MSK_001 | HTS_001 | | | 908.07 | 889.3 |
| 844 | NRN_001 | NRN_003 | | | 628.84 | 773.11 |
| 845 | NSN_001 | M10_002 | | | 1946 | 2054.23 |
| 846 | HRS_MW | HRS_001 | | | 1482.72 | 1671.68 |

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|-----|-----------|---------|--|--|---------|---------|
| 847 | SAL_001 | HRS_MW | | | 1696.71 | 1482.72 |
| 848 | BAL_001 | L26_002 | | | 1412.8 | 1366.4 |
| 849 | VND_001 | TLV_001 | | | 1096.01 | 945.84 |
| 850 | ARM_04 | ARD_001 | | | 979.07 | 1025.93 |
| 851 | IDJ_003 | IDJ_008 | | | 787.21 | 680.63 |
| 852 | KAP_002 | KAP_010 | | | 1119.36 | 907.1 |
| 853 | MGZ_001 | MGZ_002 | | | 1858.81 | 1991 |
| 854 | MTN_REG | MTN_003 | | | 1994.57 | 1932 |
| 855 | YER_020_1 | YER_305 | | | 865.18 | 865.93 |
| 856 | YER_172 | YER_344 | | | 1167 | 1135.28 |
| 857 | SUS_001 | ZRJ_001 | | | 1669.51 | 1654.36 |
| 858 | ART_001 | ART_007 | | | 833.97 | 828.12 |
| 859 | GYU_004 | GYU_030 | | | 1538.95 | 1541 |
| 860 | KAP_006 | KAP_011 | | | 822.38 | 781.18 |
| 861 | KTI_001 | KTI_002 | | | 1123.72 | 818 |
| 862 | AGH_01 | MOB_009 | | | 1478.55 | 1115.17 |
| 863 | YER_083 | YER_308 | | | 1221.34 | 1183.5 |
| 864 | YER_083 | YER_337 | | | 1221.34 | 1210.42 |
| 865 | YER_205 | YER_338 | | | 947.5 | 950.65 |
| 866 | YER_039 | YER_339 | | | 1002.07 | 999.22 |
| 867 | YER_031 | YER_340 | | | 1140.52 | 1146.85 |
| 868 | ABO_005 | ABO_011 | | | 1409.77 | 1435.9 |
| 869 | ABO_003 | ABO_012 | | | 1480.37 | 1416.77 |
| 870 | IDJ_003 | IDJ_009 | | | 787.21 | 677.72 |
| 871 | IDJ_001 | IDJ_009 | | | 1629.03 | 677.72 |
| 872 | GYU_007 | GYU_016 | | | 1529.61 | 1526.66 |
| 873 | YER_020 | MSL_001 | | | 858.99 | 863.54 |
| 874 | HER_001 | VDH_003 | | | 1953.63 | 2451.14 |
| 875 | IDJ_001 | YNQ_002 | | | 1629.03 | 1309.7 |
| 876 | M04_002 | AZK_001 | | | 1855.6 | 1663.2 |
| 877 | KAP_009 | GGN_001 | | | 962.79 | 973.57 |
| 878 | M02_016 | KHO_001 | | | 2118.04 | 1501.11 |
| 879 | YER_084 | YER_349 | | | 1191.3 | 1149.09 |
| 880 | YER_051 | YER_363 | | | 978.13 | 983.5 |
| 881 | M06_011 | DBD_001 | | | 699.8 | 426.88 |
| 882 | M12_002 | M12_006 | | | 1425.74 | 1582.05 |
| 883 | SAS_001 | SAS_002 | | | 1066.63 | 1057 |
| 884 | SEV_005 | MOB_010 | | | 1930.66 | 1906.01 |
| 885 | YER_250 | YER_231 | | | 1000 | 998.06 |
| 886 | NOY_001 | KGB_002 | | | 999.04 | 793.03 |
| 887 | LHV_MW | M02_024 | | | 1379.6 | 945.21 |
| 888 | LHV_MW | AGK_005 | | | 1379.6 | 1253.1 |
| 889 | LHV_MW | VHR_001 | | | 1379.6 | 1450.96 |
| 890 | YER_122 | YER_377 | | | 1080.14 | 1092.27 |
| 891 | QSN_001 | TND_001 | | | 1941.16 | 1696.29 |
| 892 | YER_010 | YER_373 | | | 1107.33 | 1113.99 |
| 893 | NOY_002 | NOY_003 | | | 824.24 | 1080.52 |
| 894 | NKA_001 | AGP_001 | | | 989.85 | 697.73 |
| 895 | TND_001 | TND_002 | | | 1696.29 | 1570.46 |
| 896 | DOV_001 | KHN_001 | | | 1466.64 | 1668.96 |
| 897 | DIL_002 | DIL_010 | | | 1217.28 | 1351.61 |
| 898 | M06_008 | TGH_002 | | | 647.07 | 940 |
| 899 | YER_027 | YER_387 | | | 1398.96 | 1367.13 |
| 900 | YER_001 | YER_386 | | | 979.74 | 1006.99 |
| 901 | YER_248 | YER_381 | | | 1270.85 | 1284.7 |
| 902 | GRG_001 | PUS_001 | | | 1407.06 | 1487.71 |
| 903 | YER_065 | NUB_003 | | | 1137.53 | 1234.96 |
| 904 | YER_256 | YER_389 | | | 1122.91 | 1120.51 |
| 905 | AGT_003 | AGT_004 | | | 1286.24 | 1257.69 |
| 906 | YER_169 | YER_335 | | | 1265.68 | 1248.25 |
| 907 | YER_169 | YER_035 | | | 1265.68 | 1294 |
| 908 | YER_169 | YER_394 | | | 1265.68 | 1297.29 |
| 909 | M05_001 | ALC_001 | | | 891 | 870.34 |

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|-----|---------|---------|--|--|---------|---------|
| 910 | ARM_01 | JRN_001 | | | 862.6 | 868.91 |
| 911 | EGH_002 | GET_001 | | | 1294.91 | 1152.2 |
| 912 | HTG_001 | GKT_001 | | | 879.14 | 885.4 |
| 913 | AZP_001 | AZP_002 | | | 845 | 847.84 |
| 914 | IDJ_004 | YNQ_001 | | | 665.84 | 1096 |
| 915 | YER_006 | YER_168 | | | 1045.53 | 1087 |
| 916 | M12_003 | M12_004 | | | 2198.23 | 1550.71 |
| 917 | VDH_003 | GEK_001 | | | 2451.14 | 2320.82 |
| 918 | YER_025 | YER_388 | | | 1240.00 | 1279.16 |
| 919 | GET_01 | HYN_001 | | | 839.29 | 838.67 |
| 920 | YER_027 | YER_404 | | | 1398.96 | 1364.94 |
| 921 | GYU_005 | GYU_008 | | | 1540.47 | 1551.65 |
| 922 | EGH_002 | EGH_004 | | | 1294.91 | 1229.19 |
| 923 | YER_027 | YER_393 | | | 1398.96 | 1415.52 |
| 924 | YER_004 | YER_333 | | | 1010.90 | 1013.25 |
| 925 | YER_032 | YER_399 | | | 1298.50 | 1314.83 |
| 926 | YER_027 | YER_405 | | | 1398.96 | 1384.40 |
| 927 | ARM_003 | ARM_012 | | | 873.72 | 875.49 |
| 928 | ARM_004 | ARM_010 | | | 863.50 | 863.90 |
| 929 | AGS_001 | KAN_001 | | | 868.00 | 879.99 |
| 930 | YER_169 | YER_406 | | | 1265.68 | 1242.58 |
| 931 | KHP_001 | AZA_001 | | | 849.95 | 863.70 |
| 932 | YER_381 | YER_319 | | | 1284.70 | 1216.58 |
| 933 | VBD_001 | MOB_007 | | | 1683.76 | 1598.84 |
| 934 | YER_123 | YER_419 | | | 1161.50 | 1134.23 |
| 935 | YER_010 | YER_421 | | | 1107.33 | 1090.46 |
| 936 | SHA_001 | DST_001 | | | 930.03 | 945.13 |
| 937 | YER_147 | YER_407 | | | 956.09 | 946.82 |
| 938 | YER_247 | YER_426 | | | 1292.28 | 1325.47 |
| 939 | YER_381 | YER_431 | | | 1284.70 | 1212.06 |
| 940 | TEG_001 | MOB_005 | | | 1336.83 | 1073.10 |
| 941 | CHK_001 | DBT_001 | | | 1522.33 | 1055.50 |
| 942 | YER_143 | YER_418 | | | 989.87 | 988.36 |

3) ռադիոռելեային կապի գծերի օգտագործման նպատակը՝ բջջային հեռախոսակապի կազմակերպում.

4) ռադիոռելեային կայանների տեսակը՝ թվային.

5) հատկացված ռադիոհաճախականությունները (հաղորդման)՝

| Հ/հ | Ռադիոռելեային կապի գծի հատվածի անվանումը | | Պահանջվող ռադիոհաճախականությունները (հաղորդման) (ՄՀց) | |
|-----|--|---------|---|-------------|
| | կայան 1 | կայան 2 | կայան 1 | կայան 2 |
| 1 | 2 | 3 | 4 | 5 |
| 1 | AGH_002 | AGH_01 | 23422 | 22414 |
| 2 | AGH_01 | AGH_REG | 22540/22438 | 23548/23446 |
| 3 | AGK_001 | AGK_004 | 23422 | 22414 |
| 4 | AJR_001 | SAL_001 | 15159 | 14739 |
| 5 | AMB_001 | ARM_03 | 14795 | 15215 |
| 6 | AMS_001 | ABO_003 | 14795 | 15215 |
| 7 | ANQ_001 | KCH_001 | 14795 | 15215 |
| 8 | ARP_001 | EGH_003 | 14907 | 15327 |
| 9 | ASH_005 | VSZ_001 | 23527 | 22519 |
| 10 | CHA_004 | CHA_003 | 15187 | 14767 |
| 11 | CHM_003 | CHM_001 | 15215 | 14795 |
| 12 | DIL_008 | MOB_008 | 23359 | 22351 |
| 13 | GAV_003 | GDZ_001 | 23422 | 22414 |
| 14 | GAV_003 | SRH_001 | 23366 | 22358 |
| 15 | GDV_01 | JER_002 | 22526 | 23534 |

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|----|---------|---------|-------|-------|
| 16 | GTN_001 | MTN_REG | 23338 | 22330 |
| 17 | GTS_001 | MTN_REG | 22372 | 23380 |
| 18 | HAG_002 | KAD_001 | 15215 | 14795 |
| 19 | HRA_REG | HRA_001 | 23436 | 22428 |
| 20 | IDJ_005 | IDJ_001 | 23548 | 22540 |
| 21 | IDJ_005 | M04_010 | 15173 | 14753 |
| 22 | VST_001 | VSZ_001 | 23422 | 22414 |
| 23 | YER_020 | YER_291 | 15187 | 14767 |
| 24 | YER_320 | YER_028 | 23422 | 22414 |
| 25 | GKS_001 | NBS_001 | 23534 | 22526 |
| 26 | YER_246 | YER_049 | 22554 | 23562 |
| 27 | YEG_006 | YEG_001 | 23366 | 22358 |
| 28 | GTM_001 | M04_002 | 6864 | 6524 |
| 29 | NZM_001 | ZRK_001 | 15243 | 14823 |
| 30 | BZB_004 | M01_004 | 22330 | 23338 |
| 31 | YER_293 | YER_086 | 15243 | 14823 |
| 32 | SPN_001 | ZRK_001 | 15299 | 14879 |
| 33 | MLK_002 | MLK_001 | 15187 | 14767 |
| 34 | TAS_002 | TAS_001 | 15327 | 14907 |
| 35 | AMR_001 | LEJ_001 | 15243 | 14823 |
| 36 | YER_303 | YER_013 | 15271 | 14851 |
| 37 | AZK_002 | AZK_001 | 14823 | 15243 |
| 38 | YER_301 | YER_135 | 14851 | 15271 |
| 39 | THS_001 | GAV_003 | 14851 | 15271 |
| 40 | HRA_014 | HRA_009 | 22498 | 23506 |
| 41 | YER_307 | YER_095 | 14767 | 15187 |
| 42 | YER_304 | YER_044 | 14823 | 15243 |
| 43 | ART_006 | VOS_001 | 23394 | 22386 |
| 44 | U21_014 | YER_032 | 14795 | 15215 |
| 45 | YER_297 | YER_010 | 14851 | 15271 |
| 46 | U21_005 | YER_001 | 14851 | 15271 |
| 47 | BVR_001 | SRG_001 | 15187 | 14767 |
| 48 | BZM_001 | VAN_009 | 22386 | 23394 |
| 49 | GTN_002 | GTS_001 | 22554 | 23562 |
| 50 | HRA_013 | HRA_005 | 14907 | 15327 |
| 51 | ABO_008 | ABO_002 | 22554 | 23422 |
| 52 | BRN_002 | BRN_001 | 23310 | 22302 |
| 53 | VDK_002 | M11_001 | 14823 | 15243 |
| 54 | NOY_002 | NOY_001 | 23506 | 22498 |
| 55 | AKR_001 | M06_006 | 15271 | 14851 |
| 56 | HRG_001 | SRL_001 | 14893 | 15313 |
| 57 | ZOL_002 | ZOL_001 | 22414 | 23422 |
| 58 | BRQ_001 | GEG_01 | 15327 | 14907 |
| 59 | BAY_001 | GTQ_001 | 14767 | 15187 |
| 60 | SHN_001 | GSH_001 | 22498 | 23506 |
| 61 | NAL_002 | NAL_001 | 14823 | 15243 |
| 62 | DAL_001 | LRG_001 | 15187 | 14767 |
| 63 | EGP_001 | QCH_001 | 14767 | 15187 |
| 64 | JBI_001 | JRT_001 | 15187 | 14767 |
| 65 | VAG_010 | VAG_004 | 23324 | 22316 |
| 66 | LUK_001 | KNJ_001 | 14767 | 15187 |
| 67 | DZG_001 | CHQ_001 | 23387 | 22379 |
| 68 | GTP_001 | APM_001 | 15327 | 14907 |
| 69 | BDK_001 | ARA_04 | 15215 | 14795 |
| 70 | AJG_001 | ARM_01 | 14739 | 15159 |
| 71 | DGS_001 | SHA_001 | 15271 | 14851 |
| 72 | SNK_001 | QAR_001 | 14851 | 15271 |
| 73 | YRJ_001 | APN_001 | 14767 | 15187 |
| 74 | ARI_001 | APN_001 | 14879 | 15299 |
| 75 | ATP_005 | ATP_001 | 15243 | 14823 |
| 76 | ARZ_002 | NOR_001 | 22442 | 23450 |
| 77 | YER_271 | YER_012 | 15187 | 14767 |
| 78 | LRT_001 | AGA_001 | 23338 | 22330 |
| 79 | GAV_006 | GAV_003 | 22470 | 23478 |
| 80 | JVN_001 | JJR_001 | 23338 | 22330 |

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|-----|---------|---------|-------|-------|
| 81 | SPI_005 | SPI_002 | 23366 | 22358 |
| 82 | KSB_001 | ALP_001 | 14907 | 15327 |
| 83 | THN_001 | AZK_001 | 15271 | 14851 |
| 84 | DSG_002 | M06_003 | 22358 | 23366 |
| 85 | GTZ_001 | ARV_001 | 15327 | 14907 |
| 86 | ABO_009 | ABO_008 | 23562 | 22554 |
| 87 | GGR_001 | HVN_001 | 15187 | 14767 |
| 88 | GHN_001 | PNK_001 | 23450 | 22442 |
| 89 | YAG_001 | GUL_01 | 22330 | 23338 |
| 90 | LCK_001 | SPI_001 | 14851 | 15271 |
| 91 | PMZ_001 | GYU_03 | 22414 | 23422 |
| 92 | NRQ_001 | HOR_001 | 15187 | 14767 |
| 93 | AGQ_002 | GUL_01 | 22498 | 23506 |
| 94 | MGH_001 | KUR_001 | 23394 | 22386 |
| 95 | GLZ_001 | EGH_003 | 14767 | 15187 |
| 96 | LEJ_001 | GUL_01 | 14739 | 15159 |
| 97 | TUM_001 | M06_004 | 22386 | 23394 |
| 98 | DVN_002 | DVN_001 | 14823 | 15243 |
| 99 | BDV_002 | ZRN_001 | 23338 | 22330 |
| 100 | LRG_002 | LRG_001 | 15243 | 14823 |
| 101 | DVN_003 | DVN_001 | 14767 | 15187 |
| 102 | GYU_028 | GYU_009 | 14879 | 15299 |
| 103 | YSH_001 | M02_003 | 22386 | 23394 |
| 104 | YER_275 | YER_020 | 15215 | 14795 |
| 105 | GVT_002 | GVT_001 | 14823 | 15243 |
| 106 | MYS_001 | MTM_001 | 14823 | 15243 |
| 107 | KYU_001 | MRM_001 | 23310 | 22302 |
| 108 | KRN_001 | TEG_001 | 22554 | 23562 |
| 109 | VGR_001 | KHT_001 | 23310 | 22302 |
| 110 | SMR_001 | M01_003 | 23366 | 22358 |
| 111 | GRN_002 | GRN_001 | 22302 | 23310 |
| 112 | NVN_001 | VGT_001 | 22330 | 23338 |
| 113 | LEN_001 | HKT_001 | 15271 | 14851 |
| 114 | UZR_002 | VED_MW | 15215 | 14795 |
| 115 | SYS_001 | MAS_004 | 22554 | 23562 |
| 116 | ZGK_001 | VDT_001 | 23338 | 22330 |
| 117 | HOV_002 | HOV_001 | 23338 | 22330 |
| 118 | QAR_002 | QAR_001 | 14767 | 15187 |
| 119 | ALS_001 | MGT_001 | 23338 | 22330 |
| 120 | ARB_001 | KHP_001 | 23338 | 22330 |
| 121 | VAG_008 | VAG_004 | 23338 | 22330 |
| 122 | ERV_001 | BAG_001 | 23338 | 22330 |
| 123 | MTR_001 | JRT_001 | 23338 | 22330 |
| 124 | ATP_004 | ATP_001 | 23338 | 22330 |
| 125 | MGR_001 | VDS_001 | 14823 | 15243 |
| 126 | ATG_001 | NAL_001 | 22330 | 23338 |
| 127 | AQN_001 | HVS_001 | 22358 | 23366 |
| 128 | MGT_002 | MGT_001 | 23562 | 22554 |
| 129 | ASV_001 | APN_001 | 14767 | 15187 |
| 130 | SHP_001 | LJN_001 | 14767 | 15187 |
| 131 | LSH_001 | LJN_001 | 22330 | 23338 |
| 132 | MZV_001 | AGH_01 | 15159 | 14739 |
| 133 | DDM_001 | M10_005 | 15327 | 14907 |
| 134 | TVG_001 | SEV_004 | 23338 | 22330 |
| 135 | GTS_002 | MTN_REG | 22526 | 23534 |
| 136 | AMT_001 | EGT_001 | 14907 | 15327 |
| 137 | MAS_007 | MAS_005 | 23534 | 22526 |
| 138 | GKK_001 | LJP_001 | 23338 | 22330 |
| 139 | KCT_001 | ODZ_001 | 14767 | 15187 |
| 140 | KHB_001 | M11_002 | 22330 | 23338 |
| 141 | NSZ_001 | ARQ_001 | 23338 | 22330 |
| 142 | HRJ_001 | HLD_001 | 15327 | 14907 |
| 143 | MEG_003 | MEG_001 | 23338 | 22330 |
| 144 | TNH_001 | AVI_001 | 14907 | 15327 |
| 145 | GNS_001 | NRV_001 | 14907 | 15327 |

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|-----|---------|---------|---------|---------|
| 146 | BNS_001 | AKL_001 | 22330 | 23338 |
| 147 | LRO_001 | DBS_001 | 15159 | 14739 |
| 148 | DVB_001 | M02_020 | 22330 | 23338 |
| 149 | DMR_001 | SYQ_001 | 23534 | 22526 |
| 150 | YER_233 | YER_102 | 23338 | 22330 |
| 151 | NGV_001 | M03_003 | 15327 | 14907 |
| 152 | YER_235 | MVN_002 | 14907 | 15327 |
| 153 | YER_234 | YER_219 | 22330 | 23338 |
| 154 | HRN_001 | M02_017 | 22442 | 23450 |
| 155 | SHQ_001 | SIS_001 | 23338 | 22330 |
| 156 | QRN_001 | KHD_001 | 22554 | 23562 |
| 157 | KHD_002 | KHD_001 | 22330 | 23338 |
| 158 | M02_011 | M02_010 | 23338 | 22330 |
| 159 | NSH_001 | ARA_04 | 23450 | 22442 |
| 160 | TEG_002 | TEG_001 | 15327 | 14907 |
| 161 | SHK_001 | YGD_001 | 15159 | 14739 |
| 162 | BAL_003 | BAL_001 | 14753 | 15173 |
| 163 | GBJ_001 | GYU_016 | 15201 | 14781 |
| 164 | DZV_001 | DPB_001 | 15243 | 14823 |
| 165 | DZV_001 | AMJ_001 | 15327 | 14907 |
| 166 | ARM_03 | LMZ_001 | 15159 | 14739 |
| 167 | KMO_001 | JJR_001 | 15215 | 14795 |
| 168 | IDJ_001 | SVQ_001 | 14725 | 15145 |
| 169 | HRA_004 | HRA_012 | 15187 | 14767 |
| 170 | ODZ_002 | ODZ_001 | 14753 | 15173 |
| 171 | MSH_001 | GYB_001 | 15159 | 14739 |
| 172 | API_001 | GYU_014 | 15327 | 14907 |
| 173 | ZOL_001 | ADR_001 | 15327 | 14907 |
| 174 | M04_007 | IDJ_007 | 15341 | 14921 |
| 175 | GOS_001 | GOS_002 | 15187 | 14767 |
| 176 | GDR_001 | HNB_001 | 15215 | 14795 |
| 177 | SPI_003 | LVN_001 | 15299 | 14879 |
| 178 | ATI_001 | SCH_001 | 14753 | 15173 |
| 179 | EDS_001 | NAM_001 | 15173 | 14753 |
| 180 | SEV_004 | TVG_002 | 14767 | 15187 |
| 181 | M10_005 | VRS_001 | 14865 | 15285 |
| 182 | AKH_001 | AKH_002 | 14739 | 15159 |
| 183 | YER_232 | YER_125 | 22442 | 23450 |
| 184 | VAY_002 | VAY_001 | 23338 | 22330 |
| 185 | VHT_001 | YER_074 | 15173 | 14753 |
| 186 | MEG_004 | MEG_002 | 14739 | 15159 |
| 187 | SEV_006 | SEV_001 | 15201 | 14781 |
| 188 | M06_010 | BGT_001 | 14739 | 15159 |
| 189 | ACH_001 | DTV_001 | 15302.5 | 14882.5 |
| 190 | AES_001 | M05_001 | 23562 | 22554 |
| 191 | AET_001 | VAZ_001 | 15327 | 14907 |
| 192 | AGK_003 | AGK_002 | 22330 | 23338 |
| 193 | AGL_001 | ASH_002 | 15271 | 14851 |
| 194 | AJB_001 | PAY_MW | 15327 | |
| | PAY_MW | GGI_001 | | 14907 |
| 195 | AKN_001 | KAT_001 | 14861.5 | 15281.5 |
| 196 | ALZ_001 | VNS_001 | 14907 | 15327 |
| 197 | AMA_002 | AMA_001 | 14879 | 15299 |
| 198 | APN_001 | HRT_001 | 15187 | 14767 |
| 199 | ARA_002 | ARA_001 | 14823 | 15243 |
| 200 | ARG_001 | HRT_001 | 15309.5 | 14889.5 |
| 201 | ARM_03 | AYS_001 | 15243 | 14823 |
| 202 | ARV_001 | GRN_001 | 14851 | 15271 |
| 203 | ASH_006 | M01_001 | 15215 | 14795 |
| 204 | ATP_002 | ATP_001 | 15327 | 14907 |
| 205 | AVA_001 | M01_002 | 14910.5 | 15330.5 |
| 206 | AVI_001 | TSK_001 | 15218.5 | 14798.5 |
| 207 | BDN_001 | SRS_001 | 15204.5 | 14784.5 |
| 208 | BUJ_001 | BUJ_002 | 14798.5 | 15218.5 |
| 209 | CTN_001 | AVB_002 | 15232.5 | 14812.5 |

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| 210 | DBS_001 | SNT_001 | 14826.5 | 15246.5 |
| 211 | EGH_003 | MAL_001 | 15243 | 14823 |
| 212 | EGN_001 | ZTK_001 | 15271 | 14851 |
| 213 | GAV_004 | NTS_001 | 23338 | 22330 |
| 214 | GDR_001 | GEG_01 | 15267.5 | 14847.5 |
| 215 | GET_01 | KHP_001 | 15299 | 14879 |
| 216 | GET_01 | ZRK_001 | 15215 | 14795 |
| 217 | GET_01 | AVT_001 | 23562 | 22554 |
| 218 | GOT_001 | GGD_002 | 14795 | 15215 |
| 219 | GRB_001 | ARM_02 | 14851 | 15271 |
| 220 | GTM_001 | KPT_001 | 14851 | 15271 |
| 221 | GYB_001 | JRD_001 | 14917.5 | 15337.5 |
| 222 | GYU_001 | GYU_018 | 23562 | 22554 |
| 223 | GYU_009 | GYU_020 | 23506 | 22498 |
| 224 | GYU_017 | GYU_001 | 22358 | 23366 |
| 225 | GYU_024 | GYU_013 | 23562 | 22554 |
| 226 | GYU_026 | GYU_010 | 22330 | 23338 |
| 227 | GYU_02 | MAN_001 | 23338 | 22330 |
| 228 | GYU_03 | ATK_001 | 23338 | 22330 |
| 229 | HAJ_001 | BVN_001 | 14795 | 15215 |
| 230 | HAY_001 | GAY_001 | 15327 | 14907 |
| 231 | HER_001 | VDH_001 | 14795 | 15215 |
| 232 | HGK_001 | TSG_001 | 15218.5 | 14798.5 |
| 233 | HLV_MW | HLV_001 | | 14819.5 |
| | HLV_MW | LNP_001 | | 15239.5 |
| 234 | HRA_004 | HRA_007 | 15243 | 14823 |
| 235 | HRA_010 | HRA_005 | 23562 | 22554 |
| 236 | HTC_001 | M07_003 | 15215 | 14795 |
| 237 | HTG_001 | HVT_001 | 15243 | 14823 |
| 238 | HTG_001 | VAG_004 | 15271 | 14851 |
| 239 | HVS_001 | JRH_001 | 15271 | 14851 |
| 240 | HVS_001 | ART_001 | 15215 | 14795 |
| 241 | HVS_001 | JRS_001 | 23562 | 22554 |
| 242 | HVS_001 | ARA_04 | 15215 | 14795 |
| 243 | IDJ_002 | IDJ_004 | 23562 | 22554 |
| 244 | IDJ_002 | IDJ_003 | 15215 | 14795 |
| 245 | ISA_001 | SKV_001 | 15281.5 | 14861.5 |
| 246 | JRB_001 | M04_002 | 15271 | 14851 |
| 247 | JRT_001 | AQS_001 | 14907 | 15327 |
| 248 | KAP_002 | KAP_003 | 14823 | 15243 |
| 249 | KAP_003 | KAP_001 | 23338 | 22330 |
| 250 | KCH_001 | ARQ_001 | 15260.5 | 14840.5 |
| 251 | KGB_001 | BDV_001 | 15327 | 14907 |
| 252 | KGT_001 | YGD_001 | 15225.5 | 14805.5 |
| 253 | KNJ_001 | ARM_003 | 14861.5 | 15281.5 |
| 254 | KQV_001 | M01_003 | 15211.5 | 14791.5 |
| 255 | KSH_001 | M01_002 | 23562 | 22554 |
| 256 | LCN_001 | SEV_002 | 15204.5 | 14784.5 |
| 257 | LUS_001 | PVD_001 | 14907 | 15327 |
| 258 | M01_004 | BZB_002 | 15271 | 14851 |
| 259 | M01_007 | GYU_03 | 14851 | 15271 |
| 260 | M02_001 | ARV_001 | 15215 | 14795 |
| 261 | M02_001 | LAN_001 | 15271 | 14851 |
| 262 | M02_005 | VDT_001 | 15215 | 14795 |
| 263 | M03_001 | APN_001 | 14907 | 15327 |
| 264 | M03_005 | SNK_MW | 15215 | 14795 |
| 265 | M04_002 | FAN_001 | 14907 | 15327 |
| 266 | M04_008 | SGH_001 | 15204.5 | 14784.5 |
| 267 | M04_010 | PRQ_001 | 15232.5 | 14812.5 |
| 268 | M06_002 | EGT_001 | 14784.5 | 15204.5 |
| 269 | M06_003 | AYT_001 | 22571.5 | 23579.5 |
| 270 | M06_008 | CHO_001 | 14784.5 | 15204.5 |
| 271 | M07_001 | VAN_009 | 14823 | 15243 |
| 272 | M09_001 | GRG_001 | 14907 | 15327 |
| 273 | MAS_004 | NRM_001 | 15271 | 14851 |

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| 274 | MTM_002 | MTM_001 | 22554 | 23562 |
| 275 | MRG_001 | PTG_001 | 23338 | 22330 |
| 276 | MRN_001 | MAY_001 | 14879 | 15299 |
| 277 | MVN_001 | YER_086 | 23562 | 22554 |
| 278 | NRA_001 | HKT_001 | 15271 | 14851 |
| 279 | NRM_001 | HVS_001 | 22414 | 23422 |
| 280 | NSN_001 | M10_001 | 14879 | 15299 |
| 281 | ORG_001 | BRN_001 | 15299 | 14879 |
| 282 | SAS_001 | ASH_001 | 14917.5 | 15337.5 |
| 283 | SEV_003 | SEV_005 | 14851 | 15271 |
| 284 | SNK_MW | M03_004 | 14907 | 15327 |
| 285 | SNK_MW | QCH_001 | 14823 | 15243 |
| 286 | SPI_001 | SPI_004 | 15309.5 | 14889.5 |
| 287 | SRL_001 | KTJ_001 | 15327 | 14907 |
| 288 | SRN_001 | SRN_PSR | 15316.5 | |
| | TRG_MW | SRN_PSR | 14896.5 | |
| 289 | STE_002 | STE_001 | 23562 | 22554 |
| 290 | STE_002 | GUL_01 | 15271 | 14851 |
| 291 | SUS_001 | DZQ_001 | 15253.5 | 14833.5 |
| 292 | TAP_001 | PVD_001 | 14907 | 15327 |
| 293 | TKB_001 | SRL_001 | 14798.5 | 15218.5 |
| 294 | TNL_003 | M09_001 | 23562 | 22554 |
| 295 | TNL_MW | TNL_002 | | 15271 |
| | M04_004 | TNL_MW | 14851 | |
| 296 | TSH_001 | TSH_MW | 14840.5 | |
| | TSH_MW | M06_006 | | 15260.5 |
| 297 | TSN_001 | M04_010 | 14791.5 | 15211.5 |
| 298 | TTV_001 | HLD_001 | 15204.5 | 14784.5 |
| 299 | TZG_001 | GTN_001 | 15299 | 14879 |
| 300 | URS_001 | M03_006 | 14788 | 15208 |
| 301 | VAG_005 | VAG_007 | 14907 | 15327 |
| 302 | VAR_004 | VAR_001 | 14823 | 15243 |
| 303 | VED_002 | VED_001 | 15299 | 14879 |
| 304 | VRD_002 | M02_024 | 23310 | 22302 |
| 305 | YER_012 | YER_153 | 22554 | 23562 |
| 306 | YER_015 | YER_085 | 22358 | 23366 |
| 307 | YER_020 | YER_086 | 23366 | 22358 |
| 308 | YER_031 | YER_167 | 23310 | 22302 |
| 309 | YER_118 | YER_041 | 23366 | 22358 |
| 310 | YER_164 | YER_008 | 23562 | 22554 |
| 311 | YER_171 | YER_022 | 23506 | 22498 |
| 312 | YER_197 | YER_056 | 22554 | 23562 |
| 313 | ZRK_001 | DKT_001 | 22414 | 23422 |
| 314 | ZRK_001 | HVS_001 | 14823 | 15243 |
| 315 | M02_005 | AGH_01 | 15271 | 14851 |
| 316 | M07_003 | M07_002 | 15204.5 | 14784.5 |
| 317 | SPI_001 | M07_001 | 15208 | 14788 |
| 318 | M03_003 | APA_001 | 22330 | 23338 |
| 319 | ASH_001 | ERZ_001 | 23338 | 22330 |
| 320 | GYU_026 | GYU_011 | 22358 | 23366 |
| 321 | GYU_027 | GYU_009 | 22414 | 23422 |
| 322 | GYU_01 | HOR_001 | 23310 | 22302 |
| 323 | HRA_003 | HRA_011 | 23422 | 22414 |
| 324 | IDJ_005 | BRD_001 | 15159 | 14739 |
| 325 | JER_002 | JER_004 | 23310 | 22302 |
| 326 | KAR_001 | MUS_001 | 15327 | 14907 |
| 327 | GTV_001 | KHS_001 | 15243 | 14823 |
| 328 | M10_001 | LCP_001 | 15215 | 14795 |
| 329 | MVS_001 | ABO_003 | 22526 | 23534 |
| 330 | SLK_001 | QGS_001 | 23394 | 22386 |
| 331 | SHR_001 | M07_002 | 23310 | 22302 |
| 332 | STE_002 | STE_003 | 23310 | 22302 |
| 333 | URT_001 | SVR_001 | 23338 | 22330 |
| 334 | MTN_REG | VGN_001 | 23338 | 22330 |
| 335 | YEG_003 | YEG_005 | 22414 | 23422 |

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| 336 | VSZ_001 | OSH_001 | 22358 | 23366 |
| 337 | M06_006 | SHL_001 | 23366 | 22358 |
| 338 | VAR_001 | VAR_005 | 23394 | 22386 |
| 339 | ABO_003 | AKQ_001 | 23366 | 22358 |
| 340 | ASH_007 | ASH_002 | 23422 | 22414 |
| 341 | ATK_004 | ATK_001 | 23366 | 22358 |
| 342 | GAV_005 | GAV_002 | 22302 | 23310 |
| 343 | ABO_003 | KOT_001 | 23338 | 22330 |
| 344 | M03_001 | KRB_001 | 22330 | 23338 |
| 345 | M07_003 | PRN_001 | 14907 | 15327 |
| 346 | GUL_01 | KUR_001 | 14767 | 15187 |
| 347 | M03_006 | SVR_001 | 15159 | 14739 |
| 348 | PNK_001 | HCH_001 | 14907 | 15327 |
| 349 | SHT_001 | STQ_001 | 15327 | 14907 |
| 350 | ARS_001 | JYL_001 | 15159 | 14739 |
| 351 | AGG_001 | VSZ_001 | 23338 | 22330 |
| 352 | M03_005 | THT_001 | 15327 | 14907 |
| 353 | AEL_001 | CHA_003 | 23310 | 22302 |
| 354 | YEG_004 | YEG_003 | 23534 | 22526 |
| 355 | DIL_007 | DIL_001 | 23450 | 22442 |
| 356 | GTV_001 | IDJ_006 | 23338 | 22330 |
| 357 | KAP_008 | KAP_001 | 23562 | 22554 |
| 358 | ARA_04 | QTS_001 | 14739 | 15159 |
| 359 | HSH_001 | ARM_005 | 23310 | 22302 |
| 360 | ATS_001 | KHR_001 | 23310 | 22302 |
| 361 | EGH_001 | ADZ_001 | 22498 | 23506 |
| 362 | MAS_004 | SNV_001 | 23422 | 22414 |
| 363 | YER_219 | YER_013 | 23562 | 22554 |
| 364 | YER_008 | YER_223 | 22302 | 23310 |
| 365 | ATP_003 | YER_218 | 23310 | 22302 |
| 366 | HTG_001 | SHA_001 | 23338 | 22330 |
| 367 | GOR_003 | GOR_005 | 23422 | 22414 |
| 368 | YER_005 | YER_224 | 22554 | 23562 |
| 369 | YER_179 | YER_004 | 23506 | 22498 |
| 370 | YER_024 | YER_187 | 23338 | 22330 |
| 371 | YER_126 | YER_192 | 22358 | 23366 |
| 372 | YER_004 | YER_193 | 22554 | 23562 |
| 373 | LOR_001 | AHD_001 | 14872 | 15292 |
| 374 | DOV_001 | ANT_001 | 23366 | 22358 |
| 375 | ZED_001 | ARN_001 | 15215 | 14795 |
| 376 | KAT_001 | ASN_001 | 15327 | 14907 |
| 377 | M09_004 | DZM_001 | 23338 | 22330 |
| 378 | DOV_001 | DZT_001 | 15327 | 14907 |
| 379 | MAY_001 | VHB_001 | 15327 | 14907 |
| 380 | KVT_001 | GTK_001 | 14907 | 15327 |
| 381 | GTM_001 | JRB_002 | 14907 | 15327 |
| 382 | VKA_001 | MSG_001 | 14823 | 15243 |
| 383 | YER_065 | NUB_002 | 14907 | 15327 |
| 384 | VAG_001 | PTQ_001 | 22554 | 23562 |
| 385 | LMN_001 | QBD_001 | 14795 | 15215 |
| 386 | LRK_001 | QRB_001 | 14795 | 15215 |
| 387 | M06_008 | QRK_001 | 14851 | 15271 |
| 388 | M03_004 | SIP_001 | 15208 | 14788 |
| 389 | M01_003 | AGA_001 | 14907 | 15327 |
| 390 | HTG_001 | AGC_001 | 15243 | 14823 |
| 391 | ART_001 | AGD_001 | 22526 | 23534 |
| 392 | YGD_001 | AGR_001 | 14851 | 15271 |
| 393 | M02_002 | AIG_001 | 23534 | 22526 |
| 394 | YER_032 | ARJ_001 | 23338 | 22330 |
| 395 | ARM_01 | ARK_001 | 15327 | 14907 |
| 396 | ATK_001 | ATK_003 | 22554 | 23562 |
| 397 | BGM_001 | AYK_001 | 14907 | 15327 |
| 398 | AMA_001 | GHZ_001 | 15327 | 14907 |
| 399 | SKV_001 | GSG_001 | 14907 | 15327 |
| 400 | GYU_007 | GYU_022 | 22498 | 23506 |

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| 401 | ZVN_001 | ZVN_002 | 23562 | 22554 |
| 402 | FLT_001 | MHT_001 | 15327 | 14907 |
| 403 | ARV_001 | MNS_001 | 14851 | 15271 |
| 404 | AMA_001 | SPS_001 | 23338 | 22330 |
| 405 | M02_004 | SVK_001 | 14907 | 15327 |
| 406 | EGH_002 | SSK_001 | 15299 | 14879 |
| 407 | YEG_002 | QNV_001 | 15215 | 14795 |
| 408 | BRD_002 | BRD_003 | 23562 | 22554 |
| 409 | YER_065 | BSN_001 | 14795 | 15215 |
| 410 | ZRV_001 | YEG_003 | 23338 | 22330 |
| 411 | M01_001 | PRS_001 | 14851 | 15271 |
| 412 | M01_001 | PRS_002 | 14907 | 15327 |
| 413 | M01_004 | BZB_003 | 15327 | 14907 |
| 414 | AKT_001 | MSQ_001 | 15327 | 14907 |
| 415 | ZRK_001 | DRB_001 | 14879 | 15299 |
| 416 | HKT_001 | SDP_001 | 14886 | 15306 |
| 417 | M05_001 | TRN_001 | 14907 | 15327 |
| 418 | MAQ_001 | GEQ_001 | 14907 | 15327 |
| 419 | ARL_001 | M05_001 | 23443 | 22435 |
| 420 | AGE_001 | HKT_001 | 23359 | 22351 |
| 421 | NKT_001 | M02_002 | 22414 | 23422 |
| 422 | MRM_001 | HVS_001 | 22302 | 23310 |
| 423 | ALP_001 | AZK_001 | 15208 | 14788 |
| 424 | AST_001 | AMA_001 | 14816 | 15236 |
| 425 | MSK_001 | ARM_003 | 14830 | 15250 |
| 426 | BZB_001 | M01_004 | 22414 | 23422 |
| 427 | JFD_001 | ARM_01 | 14802 | 15222 |
| 428 | BMB_001 | ARM_01 | 14788 | 15208 |
| 429 | HRA_008 | HRA_001 | 15250 | 14830 |
| 430 | HTC_001 | GYU_003 | 15236 | 14816 |
| 431 | KAJ_003 | KAJ_001 | 23569 | 22561 |
| 432 | GSH_001 | ARM_005 | 23429 | 22421 |
| 433 | AHT_001 | VGT_001 | 22302 | 23310 |
| 434 | SRB_001 | ZVS_001 | 15250 | 14830 |
| 435 | BRK_001 | SIS_001 | 15327 | 14907 |
| 436 | RND_001 | AGH_01 | 23310 | 22302 |
| 437 | YER_155 | YER_007 | 23534 | 22526 |
| 438 | YER_177 | YER_125 | 22554 | 23562 |
| 439 | GYU_019 | GYU_005 | 22330 | 23338 |
| 440 | KAP_007 | KAP_003 | 23583 | 22575 |
| 441 | YER_172 | YER_025 | 22386 | 23394 |
| 442 | M02_015 | SPD_001 | 15211.5 | 14791.5 |
| 443 | SHI_002 | SVD_002 | 14910.5 | 15330.5 |
| 444 | SHI_002 | SVD_001 | 14802 | 15222 |
| 445 | YER_122 | YER_012 | 23530.5 | 22522.5 |
| 446 | ACH_001 | AZT_001 | 15204.5 | 14784.5 |
| 447 | JUJ_001 | KTI_001 | 15211 | 14791 |
| 448 | YER_048 | YER_154 | 23516.5 | 22508.5 |
| 449 | LPR_001 | GEG_01 | 15302.5 | 14882.5 |
| 450 | HRT_001 | QCH_001 | 14851 | 15271 |
| 451 | ATP_001 | ATP_003 | 14819.5 | 15239.5 |
| 452 | HRA_006 | HRA_004 | 22487.5 | 23495.5 |
| 453 | YER_120 | YER_008 | 23502.5 | 22494.5 |
| 454 | YER_118 | YER_061 | 22505 | 23513 |
| 455 | STN_001 | STN_MW | 15239.5 | 14819.5 |
| 456 | VKT_001 | GET_01 | 14812.5 | 15232.5 |
| 457 | YER_159 | YER_089 | 22585.5 | 23593.5 |
| 458 | YER_176 | YER_025 | 22585.5 | 23593.5 |
| 459 | M02_016 | M02_019 | 6624 6704 | 6964 7044 |
| 460 | GTM_001 | M04_002 | 6784 | 6444 |
| 461 | QCH_001 | SNK_MW | 7004 7084 | 6664 6744 |
| 462 | SPI_002 | M03_005 | 7004 7084 | 6664 6744 |
| 463 | NRV_001 | AGH_01 | 15218.5 | 14798.5 |

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| 464 | ZRT_001 | AMA_001 | 14917.5 | 15337.5 |
| 465 | VND_001 | ARM_005 | 15253.5 | 14833.5 |
| 466 | AZN_001 | ARE_001 | 15281.5 | 14861.5 |
| 467 | GAV_004 | SHO_001 | 15316.5 | 14896.5 |
| 468 | GEG_01 | M03_005 | 14795 | 15215 |
| 469 | GYU_012 | GYU_007 | 22522.5 | 23530.5 |
| 470 | KAP_004 | KAP_001 | 22501.5 | 23509.5 |
| 471 | KAP_001 | KAP_006 | 23495.5 | 22487.5 |
| 472 | KAP_002 | KAP_003 | 22526 | 23534 |
| 473 | M01_005 | MSA_001 | 14819.5 | 15239.5 |
| 474 | M02_019 | SHU_001 | 22487.5 | 23495.5 |
| 475 | M03_004 | MLK_001 | 23495.5 | 22487.5 |
| 476 | M03_005 | SRM_001 | 15302.5 | 14882.5 |
| 477 | M04_003 | IDJ_001 | 15327 | 14907 |
| 478 | M01_005 | M05_001 | 6964 7044 | 6624 6704 |
| 479 | M07_001 | LNP_001 | 22501.5 | 23509.5 |
| 480 | GUR_001 | M07_001 | 23481.5 | 22473.5 |
| 481 | M10_001 | DRA_001 | 15260.5 | 14840.5 |
| 482 | M10_003 | TPT_001 | 15302.5 | 14882.5 |
| 483 | SHI_002 | SHI_001 | 14788 | 15208 |
| 484 | CHM_002 | SHO_001 | 15288.5 | 14868.5 |
| 485 | SPI_002 | SPI_001 | 14907 | 15327 |
| 486 | ARS_001 | TPT_001 | 15330.5 | 14910.5 |
| 487 | TUJ_001 | VHN_001 | 15302.5 | 14882.5 |
| 488 | NKA_001 | VKA_001 | 14798.5 | 15218.5 |
| 489 | YER_065 | NUB_001 | 22494.5 | 23502.5 |
| 490 | YEG_001 | ZRV_001 | 14798.5 | 15218.5 |
| 491 | YER_152 | ZVN_001 | 22522.5 | 23530.5 |
| 492 | AGN_002 | AGN_001 | 14798.5 | 15218.5 |
| 493 | ALA_002 | ALA_001 | 23495.5 | 22487.5 |
| 494 | ALV_001 | NRN_002 | 14889.5 | 15309.5 |
| 495 | AMS_001 | SVB_001 | 15239.5 | 14819.5 |
| 496 | ARA_003 | SUR_001 | 15246.5 | 14826.5 |
| 497 | DVN_001 | ARA_04 | 23502.5 | 22494.5 |
| 498 | AGS_001 | ARA_04 | 23481.5 | 22473.5 |
| 499 | ARA_04 | NAR_001 | 14784.5 | 15204.5 |
| 500 | ARM_005 | NAL_001 | 14819.5 | 15239.5 |
| 501 | ARM_04 | ARM_01 | 14907.0 | 15327.0 |
| 502 | ARM_01 | TAN_001 | 23481.5 | 22473.5 |
| 503 | BGM_002 | ARM_04 | 23488.5 | 22480.5 |
| 504 | ASH_001 | ASH_004 | 23516.5 | 22508.5 |
| 505 | LOR_001 | ATA_001 | 14798.5 | 15218.5 |
| 506 | AGN_001 | AZK_001 | 15204.5 | 14784.5 |
| 507 | BAL_001 | BAL_002 | 23481.5 | 22473.5 |
| 508 | BGN_001 | KUT_001 | 15253.5 | 14833.5 |
| 509 | BRD_002 | BRD_001 | 15225.5 | 14805.5 |
| 510 | NAV_001 | BRD_001 | 15239.5 | 14819.5 |
| 511 | CHK_001 | DSG_001 | 23509.5 | 22501.5 |
| 512 | GEG_001 | NUR_001 | 14784.5 | 15204.5 |
| 513 | HOV_001 | GET_01 | 14917.5 | 15337.5 |
| 514 | GTM_001 | NOR_001 | 14816.0 | 15236.0 |
| 515 | MRG_001 | GTM_001 | 23481.5 | 22473.5 |
| 516 | LCH_001 | GTS_001 | 14917.5 | 15337.5 |
| 517 | GYB_001 | VGJ_001 | 14889.5 | 15309.5 |
| 518 | GEG_001 | HAI_001 | 22494.5 | 23502.5 |
| 519 | AGV_001 | HRA_001 | 15246.5 | 14826.5 |
| 520 | HRA_004 | LRN_001 | 15299.0 | 14879.0 |
| 521 | JER_001 | JER_003 | 22473.5 | 23481.5 |
| 522 | JRT_001 | HAY_001 | 14812.5 | 15232.5 |
| 523 | APG_001 | JRT_001 | 15246.5 | 14826.5 |
| 524 | KAP_005 | KAP_002 | 23495.5 | 22487.5 |
| 525 | KAP_003 | SYQ_001 | 15211.5 | 14791.5 |
| 526 | DTD_001 | KAT_001 | 14840.5 | 15260.5 |
| 527 | GGI_001 | KAV_001 | 14868.5 | 15288.5 |

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| 528 | KVT_001 | KAP_003 | 14879.0 | 15299.0 |
| 529 | M01_002 | UJN_001 | 15232.5 | 14812.5 |
| 530 | M01_003 | KSH_001 | 14812.5 | 15232.5 |
| 531 | M01_005 | TAL_001 | 14833.5 | 15253.5 |
| 532 | MAR_001 | M01_007 | 23481.5 | 22473.5 |
| 533 | M02_001 | BYU_001 | 15253.5 | 14833.5 |
| 534 | ELP_001 | M02_006 | 14798.5 | 15218.5 |
| 535 | M02_009 | GMQ_001 | 15218.5 | 14798.5 |
| 536 | CHA_004 | M04_002 | 22508.5 | 23516.5 |
| 537 | CHA_002 | M04_002 | 22407.0 | 23415.0 |
| 538 | FLT_001 | M04_003 | 14795.0 | 15215.0 |
| 539 | M04_004 | DIL_003 | 14917.5 | 15337.5 |
| 540 | M04_005 | HAG_001 | 14798.5 | 15218.5 |
| 541 | M04_010 | TOV_001 | 15204.5 | 14784.5 |
| 542 | M05_001 | EGN_001 | 14917.5 | 15337.5 |
| 543 | EDS_001 | M05_001 | 15281.5 | 14861.5 |
| 544 | ODZ_001 | M06_005 | 15330.5 | 14910.5 |
| 545 | M06_008 | TGH_001 | 14917.5 | 15337.5 |
| 546 | JIL_001 | M06_011 | 15232.5 | 14812.5 |
| 547 | M09_001 | GUL_01 | 14907.0 | 15327.0 |
| 548 | HRV_001 | M10_002 | 15239.5 | 14819.5 |
| 549 | YRN_001 | M10_004 | 23530.5 | 22522.5 |
| 550 | M11_001 | ANS_001 | 14917.5 | 15337.5 |
| 551 | M04_003 | M14_001 | 15208.0 | 14788.0 |
| 552 | YAN_001 | MAD_001 | 15239.5 | 14819.5 |
| 553 | MGT_001 | MTM_001 | 14784.5 | 15204.5 |
| 554 | MTN_002 | ZOL_001 | 14910.5 | 15330.5 |
| 555 | ARZ_001 | NOR_001 | 23530.5 | 22522.5 |
| 556 | NOY_001 | BKM_001 | 14882.5 | 15302.5 |
| 557 | KGB_001 | NOY_001 | 23481.5 | 22473.5 |
| 558 | DRK_001 | NRK_001 | 15260.5 | 14840.5 |
| 559 | RAN_001 | NRM_001 | 14798.5 | 15218.5 |
| 560 | NRN_002 | NRN_001 | 15274.5 | 14854.5 |
| 561 | QAR_001 | LRG_001 | 15246.5 | 14826.5 |
| 562 | SHT_001 | ZOD_001 | 15267.5 | 14847.5 |
| 563 | BGV_001 | SUS_001 | 14791.5 | 15211.5 |
| 564 | HAT_001 | SVB_001 | 15211.5 | 14791.5 |
| 565 | TRG_MW | YGD_001 | 15302.5 | 14882.5 |
| 566 | MGN_001 | VAG_004 | 14805.5 | 15225.5 |
| 567 | AZP_001 | VDS_001 | 14798.5 | 15218.5 |
| 568 | VKH_001 | GTQ_001 | 14819.5 | 15239.5 |
| 569 | YAN_001 | SEL_001 | 15281.5 | 14861.5 |
| 570 | YER_080 | YER_008 | 23481.5 | 22473.5 |
| 571 | PAR_001 | YER_020 | 22480.5 | 23488.5 |
| 572 | YER_127 | YER_026 | 22487.5 | 23495.5 |
| 573 | AVN_001 | YER_032 | 22522.5 | 23530.5 |
| 574 | M01_001 | YER_074 | 14917.5 | 15337.5 |
| 575 | QAS_001 | YER_074 | 22480.5 | 23488.5 |
| 576 | YER_151 | YER_095 | 22501.5 | 23509.5 |
| 577 | ZED_001 | ATV_001 | 15239.5 | 14819.5 |
| 578 | BAG_001 | KAT_001 | 14784.5 | 15204.5 |
| 579 | KRT_001 | SRS_001 | 15218.5 | 14798.5 |
| 580 | DOV_001 | M02_019 | 15232.5 | 14812.5 |
| 581 | KAP_003 | YGD_001 | 15288.5 | 14868.5 |
| 582 | TRG_MW | YGD_001 | 15302.5 | 14882.5 |
| 583 | TSV_001 | TRG_MW | 14910.5 | 15330.5 |
| 584 | SHI_001 | TSV_001 | 15309.5 | 14889.5 |
| 585 | AGK_001 | AGK_002 | 14854.5 | 15274.5 |
| 586 | M02_002 | VED_MW | 15243 | 14823 |
| 587 | AVB_001 | CTN_001 | 14854.5 | 15274.5 |
| 588 | MRK_001 | HRA_001 | 15232.5 | 14812.5 |
| 589 | MGZ_001 | MRK_001 | 14903.5 | 15323.5 |
| 590 | ATZ_002 | MGZ_001 | 15204.5 | 14784.5 |
| 591 | ATZ_001 | ATZ_002 | 14889.5 | 15309.5 |
| 592 | ELN_001 | ATZ_001 | 15274.5 | 14854.5 |

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| 593 | KAP_003 | CHT_001 | 15281,5 | 14861,5 |
| 594 | BJN_001 | M04_002 | 15211,5 | 14791,5 |
| 595 | KAJ_001 | KAV_001 | 14854,5 | 15274,5 |
| 596 | SRS_001 | M02_009 | 14812,5 | 15232,5 |
| 597 | GAV_001 | GAV_002 | 14889,5 | 15309,5 |
| 598 | AVB_001 | AGZ_MW | 14868,5 | 15288,5 |
| 599 | AGZ_MW | AGZ_001 | 15309,5 | 14889,5 |
| 600 | M09_001 | ATA_001 | 14917,5 | 15337,5 |
| 601 | AMS_001 | GSN_001 | 23481,5 | 22473,5 |
| 602 | QAR_001 | ARM_04 | 15204,5 | 14784,5 |
| 603 | M01_006 | ZVS_001 | 15232,5 | 14812,5 |
| 604 | GYU_03 | LRK_001 | 15323,5 | 14903,5 |
| 605 | KRS_001 | M02_013 | 15302,5 | 14882,5 |
| 606 | AKT_001 | SIS_001 | 15204,5 | 14784,5 |
| 607 | SIS_001 | AKL_001 | 14791,5 | 15211,5 |
| 608 | TSK_001 | AKL_001 | 14819,5 | 15239,5 |
| 609 | DTK_001 | AKL_001 | 14805,5 | 15225,5 |
| 610 | DBS_001 | VGT_001 | 14910,5 | 15330,5 |
| 611 | GOR_006 | KHD_001 | 14798,5 | 15218,5 |
| 612 | KHD_001 | TEG_001 | 15232,5 | 14812,5 |
| 613 | KAP_003 | AVK_001 | 15274,5 | 14854,5 |
| 614 | M04_003 | KAD_001 | 15222 | 14802 |
| 615 | DZV_001 | AYG_001 | 15302,5 | 14882,5 |
| 616 | DZV_001 | MRT_001 | 15260,5 | 14840,5 |
| 617 | KAD_001 | DZV_001 | 14826,5 | 15246,5 |
| 618 | MRT_001 | TUJ_001 | 14854,5 | 15274,5 |
| 619 | TUJ_001 | CHM_001 | 15288,5 | 14868,5 |
| 620 | M03_006 | PVN_001 | 15309,5 | 14889,5 |
| 621 | M03_006 | LER_001 | 15239,5 | 14819,5 |
| 622 | M09_004 | ATI_001 | 23481,5 | 22473,5 |
| 623 | MTV_001 | M09_003 | 15323,5 | 14903,5 |
| 624 | ZRV_001 | GTM_001 | 15246,5 | 14826,5 |
| 625 | YEG_002 | GTM_001 | 15260,5 | 14840,5 |
| 626 | M04_008 | VAZ_001 | 15218,5 | 14798,5 |
| 627 | IDJ_002 | IDJ_001 | 15309,5 | 14889,5 |
| 628 | GTV_001 | IDJ_001 | 15337,5 | 14917,5 |
| 629 | ACH_001 | VAZ_001 | 15232,5 | 14812,5 |
| 630 | BRD_001 | CTN_001 | 14840,5 | 15260,5 |
| 631 | BGN_001 | M04_008 | 14805,5 | 15225,5 |
| 632 | BGN_001 | KTI_001 | 23481,5 | 22473,5 |
| 633 | SAL_001 | ZED_001 | 14816 | 15236 |
| 634 | SAL_001 | STN_001 | 14791,5 | 15211,5 |
| 635 | SMB_001 | HER_001 | 15232,5 | 14812,5 |
| 636 | SRI_001 | DZN_001 | 15274,5 | 14854,5 |
| 637 | AMA_001 | DZN_001 | 15246,5 | 14826,5 |
| 638 | PGN_001 | AMA_001 | 14854,5 | 15274,5 |
| 639 | AMA_001 | SRG_001 | 15288,5 | 14868,5 |
| 640 | M07_003 | SRL_001 | 14819,5 | 15239,5 |
| 641 | SPI_001 | AVS_001 | 15330,5 | 14910,5 |
| 642 | AZN_001 | MUS_001 | 15239,5 | 14819,5 |
| 643 | DRG_001 | M10_004 | 23495,5 | 22487,5 |
| 644 | GTS_001 | GVT_001 | 15330,5 | 14910,5 |
| 645 | MAD_001 | GTS_001 | 14791,5 | 15211,5 |
| 646 | M11_002 | MAQ_001 | 15253,5 | 14833,5 |
| 647 | GAV_003 | LJP_001 | 15288,5 | 14868,5 |
| 648 | HVN_001 | GRN_001 | 14868,5 | 15288,5 |
| 649 | SEV_002 | SEV_001 | 22522,5 | 23530,5 |
| 650 | KAJ_002 | KAJ_001 | 15309,5 | 14889,5 |
| 651 | M10_004 | GTS_001 | 14882,5 | 15302,5 |
| 652 | PGB_001 | M09_003 | 15204,5 | 14784,5 |
| 653 | M06_009 | ZRN_001 | 22515,5 | 23523,5 |
| 654 | HBT_001 | SMB_001 | 22473,5 | 23481,5 |
| 655 | M10_002 | GAV_004 | 22515,5 | 23523,5 |
| 656 | GYU_009 | AKH_001 | 23481,5 | 22473,5 |
| 657 | VKA_001 | CTN_001 | 14889,5 | 15309,5 |

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|-----|---------|---------|---------|---------|
| 658 | GTS_001 | VDK_001 | 15225,5 | 14805,5 |
| 659 | VED_MW | LJN_001 | 14833.5 | 15253.5 |
| 660 | VED_MW | UZR_001 | 14805.5 | 15225.5 |
| 661 | VSZ_001 | YER_079 | 14907 | 15327 |
| 662 | ZRV_001 | BUJ_001 | 15239.5 | 14819.5 |
| 663 | M05_001 | HTG_001 | 14819.5 | 15239.5 |
| 664 | HTG_001 | BGM_001 | 15232.5 | 14812.5 |
| 665 | M05_001 | ATS_001 | 14875.5 | 15295.5 |
| 666 | HKT_001 | ARM_01 | 14826.5 | 15246.5 |
| 667 | M01_005 | KAT_001 | 14798.5 | 15218.5 |
| 668 | SEV_003 | SEV_001 | 22487.5 | 23495.5 |
| 669 | M02_005 | KHC_001 | 15232.5 | 14812.5 |
| 670 | AGH_01 | EGH_003 | 14826.5 | 15246.5 |
| 671 | GRN_001 | GOT_001 | 15260.5 | 14840.5 |
| 672 | GOT_001 | GGD_001 | 14826.5 | 15246.5 |
| 673 | SHM_001 | LMN_001 | 23523.5 | 22515.5 |
| 674 | M04_003 | SEV_004 | 15330.5 | 14910.5 |
| 675 | M01_005 | VKS_001 | 14791.5 | 15211.5 |
| 676 | GYU_03 | PNK_001 | 15337.5 | 14917.5 |
| 677 | HRA_004 | ZVB_001 | 15218.5 | 14798.5 |
| 678 | M03_003 | CHQ_001 | 14784.5 | 15204.5 |
| 679 | AMA_001 | TSG_001 | 15204.5 | 14784.5 |
| 680 | AMA_001 | AGB_001 | 15218.5 | 14798.5 |
| 681 | MTS_001 | M02_009 | 14910.5 | 15330.5 |
| 682 | ATN_001 | QAR_001 | 14812.5 | 15232.5 |
| 683 | GTM_001 | BAL_001 | 14868.5 | 15288.5 |
| 684 | GTM_001 | ABO_003 | 14802 | 15222 |
| 685 | VKH_001 | AZN_001 | 14833.5 | 15253.5 |
| 686 | SKV_001 | AZN_001 | 14847.5 | 15267.5 |
| 687 | M11_002 | NRK_001 | 15239.5 | 14819.5 |
| 688 | MAY_001 | GYU_003 | 15309.5 | 14889.5 |
| 689 | MAY_001 | KMO_001 | 15267.5 | 14847.5 |
| 690 | GYB_001 | MAY_001 | 14875.5 | 15295.5 |
| 691 | KTN_001 | M03_006 | 14847.5 | 15267.5 |
| 692 | GYU_03 | ATK_002 | 15309.5 | 14889.5 |
| 693 | M03_001 | OHN_001 | 22473.5 | 23481.5 |
| 694 | VSZ_001 | PRP_001 | 14896.5 | 15316.5 |
| 695 | ORG_001 | VSZ_001 | 15330.5 | 14910.5 |
| 696 | YER_025 | YER_084 | 23488.5 | 22480.5 |
| 697 | VED_001 | DSQ_001 | 22487.5 | 23495.5 |
| 698 | YER_027 | VBD_001 | 23481.5 | 22473.5 |
| 699 | HAJ_001 | NOR_001 | 23488.5 | 22480.5 |
| 700 | KES_001 | ARM_005 | 15225.5 | 14805.5 |
| 701 | ARM_01 | PSH_001 | 15260.5 | 14840.5 |
| 702 | SUS_001 | M01_005 | 15225.5 | 14805.5 |
| 703 | APM_001 | SUS_001 | 14819.5 | 15239.5 |
| 704 | EGV_001 | M02_002 | 14805.5 | 15225.5 |
| 705 | AZK_001 | SLK_001 | 14896.5 | 15316.5 |
| 706 | YER_086 | YER_101 | 22501.5 | 23509.5 |
| 707 | YER_027 | DZB_001 | 23523.5 | 22515.5 |
| 708 | YER_102 | YER_077 | 22473.5 | 23481.5 |
| 709 | YER_042 | YER_032 | 22473,5 | 23481,5 |
| 710 | AGH_01 | M02_008 | 22515.5 | 23523.5 |
| 711 | AZT_01 | GDV_01 | 14910,5 | 15330,5 |
| 712 | CHA_001 | CHA_002 | 23516,5 | 22508,5 |
| 713 | ASH_002 | ASH_001 | 22480,5 | 23488,5 |
| 714 | ASH_003 | ASH_002 | 23502,5 | 22494,5 |
| 715 | M02_006 | AGH_01 | 15204.5 | 14784.5 |
| 716 | M02_007 | AGH_01 | 15232.5 | 14812.5 |
| 717 | VAG_004 | VAG_001 | 23523,5 | 22515,5 |
| 718 | VAG_003 | VAG_001 | 23481,5 | 22473,5 |
| 719 | HRA_004 | M10_005 | 15204,5 | 14784,5 |
| 720 | HRA_003 | HRA_001 | 23495,5 | 22487,5 |
| 721 | HRA_002 | HRA_004 | 22508,5 | 23516,5 |
| 722 | ARA_002 | ARA_003 | 14879,0 | 15299,0 |

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| 723 | M02_017 | GOR_006 | 23523,5 | 22515,5 |
| 724 | GYU_003 | GYU_02 | 14784,5 | 15204,5 |
| 725 | GYU_003 | M01_006 | 14907,0 | 15327,0 |
| 726 | GYU_003 | GYU_03 | 14798,5 | 15218,5 |
| 727 | GYU_01 | M01_007 | 14812,5 | 15232,5 |
| 728 | KAJ_001 | M02_021 | 14816,6 | 15236,0 |
| 729 | GOR_006 | M02_020 | 14882,5 | 15302,5 |
| 730 | AMA_001 | GYU_003 | 15246,5 | 14826,5 |
| 731 | ARA_003 | M02_003 | 15232,5 | 14812,5 |
| 732 | ASH_001 | M03_001 | 15218,5 | 14798,5 |
| 733 | GAV_002 | M10_002 | 23481,5 | 22473,5 |
| 734 | EGH_002 | VAY_001 | 15204,5 | 14784,5 |
| 735 | GOR_002 | GOR_001 | 22487,5 | 23495,5 |
| 736 | GOR_006 | GOR_003 | 23509,5 | 22501,5 |
| 737 | VRD_001 | MEG_001 | 15302,5 | 14882,5 |
| 738 | VAG_005 | ARM_02 | 14784,5 | 15204,5 |
| 739 | SPI_003 | SPI_002 | 23495,5 | 22487,5 |
| 740 | M02_012 | M02_013 | 15323,5 | 14903,5 |
| 741 | M01_005 | M01_004 | 14907,0 | 15327,0 |
| 742 | M02_004 | M02_005 | 14784,5 | 15204,5 |
| 743 | M02_002 | VED_001 | 15204,5 | 14784,5 |
| 744 | M02_002 | ARA_002 | 15271,0 | 14851,0 |
| 745 | M02_001 | YER_065 | 15302,5 | 14882,5 |
| 746 | MAS_001 | MAS_003 | 23481,5 | 22473,5 |
| 747 | MAS_002 | MAS_001 | 23502,5 | 22494,5 |
| 748 | M11_001 | M11_002 | 14882,5 | 15302,5 |
| 749 | M10_004 | M10_003 | 14896,5 | 15316,5 |
| 750 | M10_002 | GAV_003 | 14910,5 | 15330,5 |
| 751 | M01_002 | M03_001 | 15204,5 | 14784,5 |
| 752 | M01_004 | M05_001 | 15215,0 | 14795,0 |
| 753 | M01_005 | M01_006 | 14851,0 | 15271,0 |
| 754 | M06_005 | CHK_001 | 14788,0 | 15208,0 |
| 755 | M06_004 | CHK_001 | 14889,5 | 15309,5 |
| 756 | M04_002 | HRA_004 | 14851,0 | 15271,0 |
| 757 | M04_001 | ABO_003 | 14784,5 | 15204,5 |
| 758 | M03_006 | GUL_01 | 15208,0 | 14788,0 |
| 759 | M03_005 | SPI_002 | 15327,0 | 14907,0 |
| 760 | KAP_002 | M02_021 | 15208,0 | 14788,0 |
| 761 | DIL_001 | M04_005 | 15302,5 | 14882,5 |
| 762 | DIL_001 | DIL_002 | 23481,5 | 22473,5 |
| 763 | M06_002 | CHK_001 | 14882,5 | 15302,5 |
| 764 | M04_008 | IDJ_001 | 15316,5 | 14896,5 |
| 765 | M04_008 | M04_009 | 15330,5 | 14910,5 |
| 766 | M04_004 | M04_003 | 14896,5 | 15316,5 |
| 767 | M09_003 | M03_006 | 14854,5 | 15274,5 |
| 768 | TAS_001 | M03_006 | 14910,5 | 15330,5 |
| 769 | M04_007 | IDJ_001 | 15260,5 | 14840,5 |
| 770 | M09_003 | M09_004 | 14840,5 | 15260,5 |
| 771 | M06_010 | M06_009 | 15316,5 | 14896,5 |
| 772 | M06_007 | M06_008 | 15302,5 | 14882,5 |
| 773 | M06_006 | M06_009 | 15330,5 | 14910,5 |
| 774 | M06_006 | M06_008 | 15260,5 | 14840,5 |
| 775 | M06_005 | M06_006 | 14816,0 | 15236,0 |
| 776 | M06_003 | CHK_001 | 22487,5 | 23495,5 |
| 777 | M06_001 | M06_002 | 15288,5 | 14868,5 |
| 778 | M04_010 | BRD_001 | 15302,5 | 14882,5 |
| 779 | M04_009 | M04_010 | 14896,5 | 15316,5 |
| 780 | M04_006 | IDJ_001 | 15288,5 | 14868,5 |
| 781 | HRT_001 | M03_002 | 14840,5 | 15260,5 |
| 782 | ALA_001 | M06_006 | 22473,5 | 23481,5 |
| 783 | M06_006 | NOY_001 | 15288,5 | 14868,5 |
| 784 | YRJ_001 | SGK_001 | 14795 | 15215 |
| 785 | JRP_001 | ISA_001 | 14795 | 15215 |
| 786 | KAJ_002 | KAJ_004 | 23562 | 22554 |
| 787 | KAP_003 | KAP_009 | 23562 | 22554 |

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|-----|---------|-----------|---------|---------|
| 788 | LNJ_001 | M02_005 | 22314 | 23322 |
| 789 | M01_005 | M01_008 | 23310 | 22302 |
| 790 | M01_007 | M01_009 | 22302 | 23310 |
| 791 | M03_006 | TAS_REG | 23436 | 22428 |
| 792 | M05_001 | VAG_010 | 14753 | 15173 |
| 793 | M07_002 | GOG_001 | 15187 | 14767 |
| 794 | M09_001 | VAN_009 | 14928 | 15348 |
| 795 | M10_002 | MTN_REG | 15292 | 14872 |
| 796 | M11_001 | EKP_001 | 15159 | 14739 |
| 797 | ACQ_001 | ORG_001 | 22323 | 23331 |
| 798 | MOB_003 | KRB_001 | 22305.5 | 23313.5 |
| 799 | ZAR_001 | ABO_003 | 14795 | 15215 |
| 800 | MOB_012 | M10_005 | 23502.5 | 22494.5 |
| 801 | MRM_001 | YER_226 | 14907 | 15327 |
| 802 | MTN_REG | M11_001 | 14809 | 15229 |
| 803 | MVN_002 | YER_086 | 23338 | 22330 |
| 804 | NRK_001 | GMS_001 | 15327 | 14907 |
| 805 | NSN_001 | SEV_001 | 22302 | 23310 |
| 806 | QRG_001 | SAL_001 | 15327 | 14907 |
| 807 | SIS_001 | MOB_001 | 14851 | 15271 |
| 808 | SNH_REG | M06_005 | 22484 | 23492 |
| 809 | TAP_001 | GNV_001 | 22330 | 23338 |
| 810 | UZR_003 | UZR_002 | 14893 | 15313 |
| 811 | VAG_006 | VAG_009 | 14753 | 15173 |
| 812 | VAG_010 | VAG_002 | 15327 | 14907 |
| 813 | VAG_010 | ATM_001 | 22414 | 23422 |
| 814 | VAR_REG | TRF_001 | 15243 | 14823 |
| 815 | VAR_REG | VAR_002 | 15327 | 14907 |
| 816 | VAR_REG | VAR_001 | 23394 | 22386 |
| 817 | VAR_REG | SHT_001 | 15187 | 14767 |
| 818 | VAR_REG | KCH_001 | 23338 | 22330 |
| 819 | VAR_REG | VAR_003 | 23492 | 22484 |
| 820 | VAR_REG | M11_002 | 15173 | 14753 |
| 821 | VBD_001 | JRV_001 | 22330 | 23338 |
| 822 | VDS_001 | YHN_001 | 23338 | 22330 |
| 823 | YER_001 | YER_267 | 14767 | 15187 |
| 824 | YER_005 | YER_225 | 22330 | 23338 |
| 825 | YER_015 | YER_279 | 14879 | 15299 |
| 826 | YER_053 | YER_169 | 22330 | 23338 |
| 827 | YER_070 | DAT_001 | 23338 | 22330 |
| 828 | YER_086 | YER_020_1 | 22526 | 23534 |
| 829 | YER_088 | YER_284 | 15243 | 14823 |
| 830 | YER_143 | YER_277 | 15187 | 14767 |
| 831 | YER_187 | YER_270 | 14767 | 15187 |
| 832 | YER_269 | YER_026 | 15299 | 14879 |
| 833 | YER_323 | YER_141 | 14753 | 15173 |
| 834 | GYU_007 | AZN_001 | 14753 | 15173 |
| 835 | GYU_007 | GYU_014 | 22410 | 23418 |
| 836 | ALV_001 | SHI_002 | 15159 | 14739 |
| 837 | NBS_001 | DKT_001 | 22358 | 23366 |
| 838 | FLT_001 | LMN_001 | 14879 | 15299 |
| 839 | GYU_005 | GYU_029 | 23418.5 | 22410.5 |
| 840 | VNS_001 | SSV_001 | 23534 | 22526 |
| 841 | M02_022 | VRD_001 | 14753 | 15173 |
| 842 | TSL_001 | HTG_001 | 14907 | 15327 |
| 843 | MSK_001 | HTS_001 | 15327 | 14907 |
| 844 | NRN_001 | NRN_003 | 14823 | 15243 |
| 845 | NSN_001 | M10_002 | 14928 | 15348 |
| 846 | HRS_MW | HRS_001 | 14823 | 15243 |
| 847 | SAL_001 | HRS_MW | 14907 | 15327 |
| 848 | BAL_001 | L26_002 | 22358 | 23366 |
| 849 | VND_001 | TLV_001 | 15187 | 14767 |
| 850 | ARM_04 | ARD_001 | 14907 | 15327 |
| 851 | IDJ_003 | IDJ_008 | 23366 | 22358 |
| 852 | KAP_002 | KAP_010 | 22442 | 23450 |

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|-----|-----------|---------|-------|-------|
| 853 | MGZ_001 | MGZ_002 | 15271 | 14851 |
| 854 | MTN_REG | MTN_003 | 22414 | 23422 |
| 855 | YER_020_1 | YER_305 | 23338 | 22330 |
| 856 | YER_172 | YER_344 | 22498 | 23506 |
| 857 | SUS_001 | ZRJ_001 | 23422 | 22414 |
| 858 | ART_001 | ART_007 | 22470 | 23478 |
| 859 | GYU_004 | GYU_030 | 23366 | 22358 |
| 860 | KAP_006 | KAP_011 | 23422 | 22414 |
| 861 | KTI_001 | KTI_002 | 23548 | 22540 |
| 862 | AGH_01 | MOB_009 | 22414 | 23422 |
| 863 | YER_083 | YER_308 | 22526 | 23534 |
| 864 | YER_083 | YER_337 | 22470 | 23478 |
| 865 | YER_205 | YER_338 | 22330 | 23338 |
| 866 | YER_039 | YER_339 | 23338 | 22330 |
| 867 | YER_031 | YER_340 | 23394 | 22386 |
| 868 | ABO_005 | ABO_011 | 23338 | 22330 |
| 869 | ABO_003 | ABO_012 | 23450 | 22442 |
| 870 | IDJ_003 | IDJ_009 | 22302 | 23310 |
| 871 | IDJ_001 | IDJ_009 | 22414 | 23422 |
| 872 | GYU_007 | GYU_016 | 22372 | 23380 |
| 873 | YER_020 | MSL_001 | 22470 | 23478 |
| 874 | HER_001 | VDH_003 | 14907 | 15327 |
| 875 | IDJ_001 | YNQ_002 | 14907 | 15327 |
| 876 | M04_002 | AZK_001 | 14879 | 15299 |
| | | | 14753 | 15173 |
| 877 | KAP_009 | GGN_001 | 15159 | 14739 |
| 878 | M02_016 | KHO_001 | 15327 | 14907 |
| 879 | YER_084 | YER_349 | 22330 | 23338 |
| 880 | YER_051 | YER_363 | 23366 | 22358 |
| 881 | M06_011 | DBD_001 | 23338 | 22330 |
| 882 | M12_002 | M12_006 | 23338 | 22330 |
| 883 | SAS_001 | SAS_002 | 22358 | 23366 |
| 884 | SEV_005 | MOB_010 | 23450 | 22442 |
| 885 | YER_250 | YER_231 | 22526 | 23534 |
| 886 | NOY_001 | KGB_002 | 22330 | 23338 |
| 887 | LHV_MW | M02_024 | 23548 | 22540 |
| 888 | LHV_MW | AGK_005 | 23338 | 22330 |
| 889 | LHV_MW | VHR_001 | 23436 | 22428 |
| 890 | YER_122 | YER_377 | 23506 | 22498 |
| 891 | QSN_001 | TND_001 | 23338 | 22330 |
| 892 | YER_010 | YER_373 | 23366 | 22358 |
| 893 | NOY_002 | NOY_003 | 23338 | 22330 |
| 894 | NKA_001 | AGP_001 | 23338 | 22330 |
| 895 | TND_001 | TND_002 | 22386 | 23394 |
| 896 | DOV_001 | KHN_001 | 23338 | 22330 |
| 897 | DIL_002 | DIL_010 | 23450 | 22442 |
| 898 | M06_008 | TGH_002 | 22358 | 23366 |
| 899 | YER_027 | YER_387 | 23450 | 22442 |
| 900 | YER_001 | YER_386 | 22498 | 23506 |
| 901 | YER_248 | YER_381 | 23338 | 22330 |
| 902 | GRG_001 | PUS_001 | 23478 | 22470 |
| 903 | YER_065 | NUB_003 | 22330 | 23338 |
| 904 | YER_256 | YER_389 | 23338 | 22330 |
| 905 | AGT_003 | AGT_004 | 23338 | 22330 |
| 906 | YER_169 | YER_335 | 22498 | 23506 |
| 907 | YER_169 | YER_035 | 22414 | 23422 |
| 908 | YER_169 | YER_394 | 22414 | 23422 |
| 909 | M05_001 | ALC_001 | 22470 | 23478 |
| 910 | ARM_01 | JRN_001 | 23562 | 22554 |
| 911 | EGH_002 | GET_001 | 23450 | 22442 |
| 912 | HTG_001 | GKT_001 | 23534 | 22526 |
| 913 | AZP_001 | AZP_002 | 22330 | 23338 |
| 914 | IDJ_004 | YNQ_001 | 23422 | 22414 |
| 915 | YER_006 | YER_168 | 23562 | 22554 |
| 916 | M12_003 | M12_004 | 23338 | 22330 |

| | | | | |
|-----|---------|---------|-------|-------|
| 917 | VDH_003 | GEK_001 | 22330 | 23338 |
| 918 | YER_025 | YER_388 | 23450 | 22442 |
| 919 | GET_01 | HYN_001 | 23394 | 22386 |
| 920 | YER_027 | YER_404 | 23506 | 22498 |
| 921 | GYU_005 | GYU_008 | 23422 | 22414 |
| 922 | EGH_002 | EGH_004 | 23534 | 22526 |
| 923 | YER_027 | YER_393 | 23338 | 22330 |
| 924 | YER_004 | YER_333 | 23338 | 22330 |
| 925 | YER_032 | YER_399 | 23562 | 22554 |
| 926 | YER_027 | YER_405 | 23422 | 22414 |
| 927 | ARM_003 | ARM_012 | 23506 | 22498 |
| 928 | ARM_004 | ARM_010 | 23338 | 22330 |
| 929 | AGS_001 | KAN_001 | 23534 | 22526 |
| 930 | YER_169 | YER_406 | 22554 | 23562 |
| 931 | KHP_001 | AZA_001 | 23338 | 22330 |
| 932 | YER_381 | YER_319 | 22330 | 23338 |
| 933 | VBD_001 | MOB_007 | 23422 | 22414 |
| 934 | YER_123 | YER_419 | 23338 | 22330 |
| 935 | YER_010 | YER_421 | 23422 | 22414 |
| 936 | SHA_001 | DST_001 | 22526 | 23534 |
| 937 | YER_147 | YER_407 | 23338 | 22330 |
| 938 | YER_247 | YER_426 | 23366 | 22358 |
| 939 | YER_381 | YER_431 | 22414 | 23422 |
| 940 | TEG_001 | MOB_005 | 23338 | 22330 |
| 941 | CHK_001 | DBT_001 | 22498 | 23506 |
| 942 | YER_143 | YER_418 | 23366 | 22358 |

6) Հաղորդչի հզորությունը, ճառագայթման դասը, թվային տեղեկատվության հաղորդման արագությունը

| Հ/հ | Ռադիոտեղեկային կապի գծի հատվածի անվանումը | | Հաղորդչի հզորությունը (Վտ) | Ճառագայթման դասը | Տեղեկատվության հաղորդման արագությունը (ՄԲ/իթ/վ) |
|-----|---|---------|----------------------------|------------------|---|
| | կայան 1 | կայան 2 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | AGH_002 | AGH_01 | | 56MOD7W | 150 |
| 2 | AGH_01 | AGH_REG | | 56MOD7W | 700 |
| 3 | AGK_001 | AGK_004 | | 56MOD7W | 150 |
| 4 | AJR_001 | SAL_001 | | 56MOD7W | 150 |
| 5 | AMB_001 | ARM_03 | | 56MOD7W | 150 |
| 6 | AMS_001 | ABO_003 | | 56MOD7W | 350 |
| 7 | ANQ_001 | KCH_001 | | 56MOD7W | 200 |
| 8 | ARP_001 | EGH_003 | | 56MOD7W | 150 |
| 9 | ASH_005 | VSZ_001 | | 56MOD7W | 100 |
| 10 | CHA_004 | CHA_003 | | 56MOD7W | 200 |
| 11 | CHM_003 | CHM_001 | | 56MOD7W | 90 |
| 12 | DIL_008 | MOB_008 | | 56MOD7W | 200 |
| 13 | GAV_003 | GDZ_001 | | 56MOD7W | 100 |
| 14 | GAV_003 | SRH_001 | | 56MOD7W | 100 |
| 15 | GDV_01 | JER_002 | | 56MOD7W | 150 |
| 16 | GTN_001 | MTN_REG | | 56MOD7W | 100 |
| 17 | GTS_001 | MTN_REG | | 56MOD7W | 350 |
| 18 | HAG_002 | KAD_001 | | 56MOD7W | 200 |
| 19 | HRA_REG | HRA_001 | | 56MOD7W | 350 |
| 20 | IDJ_005 | IDJ_001 | | 56MOD7W | 350 |
| 21 | IDJ_005 | M04_010 | | 56MOD7W | 350 |
| 22 | VST_001 | VSZ_001 | | 56MOD7W | 100 |
| 23 | YER_020 | YER_291 | | 28MOD7W | 100 |
| 24 | YER_320 | YER_028 | | 28MOD7W | 80 |
| 25 | GKS_001 | NBS_001 | | 28MOD7W | 40 |
| 26 | YER_246 | YER_049 | | 28MOD7W | 40 |
| 27 | YEG_006 | YEG_001 | | 12M4D7W | 50 |
| 28 | GTM_001 | M04_002 | | 7M00G7W | 1*STM1 |
| 29 | NZM_001 | ZRK_001 | | 28MOD7W | 100 |

| | | | | | |
|----|---------|---------|--|---------|-----|
| 30 | BZB_004 | M01_004 | | 12M4D7W | 50 |
| 31 | YER_293 | YER_086 | | 14M0D7W | 40 |
| 32 | SPN_001 | ZRK_001 | | 28M0D7W | 40 |
| 33 | MLK_002 | MLK_001 | | 25M4D7W | 100 |
| 34 | TAS_002 | TAS_001 | | 25M4D7W | 100 |
| 35 | AMR_001 | LEJ_001 | | 25M4D7W | 100 |
| 36 | YER_303 | YER_013 | | 28M0D7W | 80 |
| 37 | AZK_002 | AZK_001 | | 25M4D7W | 100 |
| 38 | YER_301 | YER_135 | | 28M0D7W | 40 |
| 39 | THS_001 | GAV_003 | | 25M4D7W | 100 |
| 40 | HRA_014 | HRA_009 | | 25M4D7W | 100 |
| 41 | YER_307 | YER_095 | | 28M0D7W | 80 |
| 42 | YER_304 | YER_044 | | 28M0D7W | 40 |
| 43 | ART_006 | VOS_001 | | 28M0D7W | 100 |
| 44 | U21_014 | YER_032 | | 28M0D7W | 100 |
| 45 | YER_297 | YER_010 | | 28M0D7W | 80 |
| 46 | U21_005 | YER_001 | | 28M0D7W | 80 |
| 47 | BVR_001 | SRG_001 | | 25M4D7W | 40 |
| 48 | BZM_001 | VAN_009 | | 25M4D7W | 40 |
| 49 | GTN_002 | GTS_001 | | 25M4D7W | 40 |
| 50 | HRA_013 | HRA_005 | | 25M4D7W | 40 |
| 51 | ABO_008 | ABO_002 | | 25M4D7W | 40 |
| 52 | BRN_002 | BRN_001 | | 25M4D7W | 40 |
| 53 | VDK_002 | M11_001 | | 25M4D7W | 40 |
| 54 | NOY_002 | NOY_001 | | 25M4D7W | 40 |
| 55 | AKR_001 | M06_006 | | 25M4D7W | 40 |
| 56 | HRG_001 | SRL_001 | | 25M4D7W | 40 |
| 57 | ZOL_002 | ZOL_001 | | 25M4D7W | 40 |
| 58 | BRQ_001 | GEG_01 | | 12M4D7W | 50 |
| 59 | BAY_001 | GTQ_001 | | 12M4D7W | 50 |
| 60 | SHN_001 | GSH_001 | | 14M0D7W | 40 |
| 61 | NAL_002 | NAL_001 | | 28M0D7W | 40 |
| 62 | DAL_001 | LRG_001 | | 28M0D7W | 40 |
| 63 | EGP_001 | QCH_001 | | 12M4D7W | 50 |
| 64 | JBI_001 | JRT_001 | | 28M0D7W | 40 |
| 65 | VAG_010 | VAG_004 | | 56M0D7W | 40 |
| 66 | LUK_001 | KNJ_001 | | 28M0D7W | 40 |
| 67 | DZG_001 | CHQ_001 | | 12M4D7W | 50 |
| 68 | GTP_001 | APM_001 | | 25M4D7W | 50 |
| 69 | BDK_001 | ARA_04 | | 28M0D7W | 40 |
| 70 | AJG_001 | ARM_01 | | 28M0D7W | 40 |
| 71 | DGS_001 | SHA_001 | | 28M0D7W | 40 |
| 72 | SNK_001 | QAR_001 | | 28M0D7W | 40 |
| 73 | YRJ_001 | APN_001 | | 12M4D7W | 50 |
| 74 | ARI_001 | APN_001 | | 12M4D7W | 50 |
| 75 | ATP_005 | ATP_001 | | 28M0D7W | 40 |
| 76 | ARZ_002 | NOR_001 | | 12M4D7W | 50 |
| 77 | YER_271 | YER_012 | | 28M0D7W | 40 |
| 78 | LRT_001 | AGA_001 | | 12M4D7W | 50 |
| 79 | GAV_006 | GAV_003 | | 12M4D7W | 50 |
| 80 | JVN_001 | JJR_001 | | 12M4D7W | 50 |
| 81 | SPI_005 | SPI_002 | | 12M4D7W | 50 |
| 82 | KSB_001 | ALP_001 | | 12M4D7W | 50 |
| 83 | THN_001 | AZK_001 | | 12M4D7W | 50 |
| 84 | DSG_002 | M06_003 | | 12M4D7W | 50 |
| 85 | GTZ_001 | ARV_001 | | 28M0D7W | 4 |
| 86 | ABO_009 | ABO_008 | | 12M4D7W | 50 |
| 87 | GGR_001 | HVN_001 | | 28M0D7W | 40 |
| 88 | GHN_001 | PNK_001 | | 12M4D7W | 50 |
| 89 | YAG_001 | GUL_01 | | 12M4D7W | 50 |
| 90 | LCK_001 | SPI_001 | | 28M0D7W | 50 |
| 91 | PMZ_001 | GYU_03 | | 12M4D7W | 50 |

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|-----|---------|---------|--|---------|----|
| 92 | NRQ_001 | HOR_001 | | 12M4D7W | 50 |
| 93 | AGQ_002 | GUL_01 | | 12M4D7W | 50 |
| 94 | MGH_001 | KUR_001 | | 12M4D7W | 50 |
| 95 | GLZ_001 | EGH_003 | | 28MOD7W | 40 |
| 96 | LEJ_001 | GUL_01 | | 12M4D7W | 50 |
| 97 | TUM_001 | M06_004 | | 12M4D7W | 50 |
| 98 | DVN_002 | DVN_001 | | 28MOD7W | 40 |
| 99 | BDV_002 | ZRN_001 | | 12M4D7W | 40 |
| 100 | LRG_002 | LRG_001 | | 28MOD7W | 40 |
| 101 | DVN_003 | DVN_001 | | 28MOD7W | 40 |
| 102 | GYU_028 | GYU_009 | | 25M4D7W | 50 |
| 103 | YSH_001 | M02_003 | | 28MOD7W | 40 |
| 104 | YER_275 | YER_020 | | 28MOD7W | 40 |
| 105 | GVT_002 | GVT_001 | | 12M4D7W | 50 |
| 106 | MYS_001 | MTM_001 | | 14M0D7W | 40 |
| 107 | KYU_001 | MRM_001 | | 14M0D7W | 40 |
| 108 | KRN_001 | TEG_001 | | 14M0D7W | 40 |
| 109 | VGR_001 | KHT_001 | | 14M0D7W | 40 |
| 110 | SMR_001 | M01_003 | | 12M4D7W | 40 |
| 111 | GRN_002 | GRN_001 | | 14M0D7W | 40 |
| 112 | NVN_001 | VGT_001 | | 14M0D7W | 40 |
| 113 | LEN_001 | HKT_001 | | 28MOD7W | 40 |
| 114 | UZR_002 | VED_MW | | 14M0D7W | 40 |
| 115 | SYS_001 | MAS_004 | | 56MOD7W | 40 |
| 116 | ZGK_001 | VDT_001 | | 56MOD7W | 40 |
| 117 | HOV_002 | HOV_001 | | 56MOD7W | 40 |
| 118 | QAR_002 | QAR_001 | | 56MOD7W | 40 |
| 119 | ALS_001 | MGT_001 | | 56MOD7W | 40 |
| 120 | ARB_001 | KHP_001 | | 56MOD7W | 40 |
| 121 | VAG_008 | VAG_004 | | 56MOD7W | 40 |
| 122 | ERV_001 | BAG_001 | | 56MOD7W | 40 |
| 123 | MTR_001 | JRT_001 | | 56MOD7W | 40 |
| 124 | ATP_004 | ATP_001 | | 56MOD7W | 40 |
| 125 | MGR_001 | VDS_001 | | 56MOD7W | 40 |
| 126 | ATG_001 | NAL_001 | | 56MOD7W | 40 |
| 127 | AQN_001 | HVS_001 | | 56MOD7W | 40 |
| 128 | MGT_002 | MGT_001 | | 56MOD7W | 40 |
| 129 | ASV_001 | APN_001 | | 56MOD7W | 40 |
| 130 | SHP_001 | LJN_001 | | 56MOD7W | 40 |
| 131 | LSH_001 | LJN_001 | | 56MOD7W | 40 |
| 132 | MZY_001 | AGH_01 | | 56MOD7W | 40 |
| 133 | DDM_001 | M10_005 | | 56MOD7W | 40 |
| 134 | TVG_001 | SEV_004 | | 56MOD7W | 40 |
| 135 | GTS_002 | MTN_REG | | 56MOD7W | 40 |
| 136 | AMT_001 | EGT_001 | | 56MOD7W | 40 |
| 137 | MAS_007 | MAS_005 | | 56MOD7W | 40 |
| 138 | GKK_001 | LJP_001 | | 56MOD7W | 40 |
| 139 | KCT_001 | ODZ_001 | | 56MOD7W | 40 |
| 140 | KHB_001 | M11_002 | | 56MOD7W | 40 |
| 141 | NSZ_001 | ARQ_001 | | 56MOD7W | 40 |
| 142 | HRJ_001 | HLD_001 | | 56MOD7W | 40 |
| 143 | MEG_003 | MEG_001 | | 56MOD7W | 40 |
| 144 | TNH_001 | AVI_001 | | 56MOD7W | 40 |
| 145 | GNS_001 | NRV_001 | | 56MOD7W | 40 |
| 146 | BNS_001 | AKL_001 | | 56MOD7W | 40 |
| 147 | LRO_001 | DBS_001 | | 56MOD7W | 40 |
| 148 | DVB_001 | M02_020 | | 56MOD7W | 40 |
| 149 | DMR_001 | SYQ_001 | | 56MOD7W | 40 |
| 150 | YER_233 | YER_102 | | 56MOD7W | 40 |
| 151 | NGV_001 | M03_003 | | 56MOD7W | 40 |
| 152 | YER_235 | MVN_002 | | 56MOD7W | 40 |
| 153 | YER_234 | YER_219 | | 56MOD7W | 40 |

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|-----|---------|---------|--|---------|----------|
| 154 | HRN_001 | M02_017 | | 56M0D7W | 40 |
| 155 | SHQ_001 | SIS_001 | | 56M0D7W | 40 |
| 156 | QRN_001 | KHD_001 | | 56M0D7W | 40 |
| 157 | KHD_002 | KHD_001 | | 56M0D7W | 40 |
| 158 | M02_011 | M02_010 | | 56M0D7W | 40 |
| 159 | NSH_001 | ARA_04 | | 56M0D7W | 40 |
| 160 | TEG_002 | TEG_001 | | 56M0D7W | 40 |
| 161 | SHK_001 | YGD_001 | | 56M0D7W | 40 |
| 162 | BAL_003 | BAL_001 | | 56M0D7W | 40 |
| 163 | GBJ_001 | GYU_016 | | 56M0D7W | 40 |
| 164 | DZV_001 | DPB_001 | | 56M0D7W | 40 |
| 165 | DZV_001 | AMJ_001 | | 56M0D7W | 40 |
| 166 | ARM_03 | LMZ_001 | | 56M0D7W | 40 |
| 167 | KMO_001 | JJR_001 | | 56M0D7W | 40 |
| 168 | IDJ_001 | SVQ_001 | | 56M0D7W | 40 |
| 169 | HRA_004 | HRA_012 | | 56M0D7W | 40 |
| 170 | ODZ_002 | ODZ_001 | | 56M0D7W | 40 |
| 171 | MSH_001 | GYB_001 | | 56M0D7W | 40 |
| 172 | API_001 | GYU_014 | | 56M0D7W | 40 |
| 173 | ZOL_001 | ADR_001 | | 56M0D7W | 40 |
| 174 | M04_007 | IDJ_007 | | 56M0D7W | 40 |
| 175 | GOS_001 | GOS_002 | | 56M0D7W | 40 |
| 176 | GDR_001 | HNB_001 | | 56M0D7W | 40 |
| 177 | SPI_003 | LVN_001 | | 56M0D7W | 40 |
| 178 | ATI_001 | SCH_001 | | 56M0D7W | 40 |
| 179 | EDS_001 | NAM_001 | | 56M0D7W | 40 |
| 180 | SEV_004 | TVG_002 | | 56M0D7W | 40 |
| 181 | M10_005 | VRS_001 | | 56M0D7W | 40 |
| 182 | AKH_001 | AKH_002 | | 56M0D7W | 40 |
| 183 | YER_232 | YER_125 | | 56M0D7W | 40 |
| 184 | VAY_002 | VAY_001 | | 56M0D7W | 40 |
| 185 | VHT_001 | YER_074 | | 56M0D7W | 40 |
| 186 | MEG_004 | MEG_002 | | 56M0D7W | 40 |
| 187 | SEV_006 | SEV_001 | | 56M0D7W | 40 |
| 188 | M06_010 | BGT_001 | | 56M0D7W | 40 |
| 189 | ACH_001 | DTV_001 | | 56M0G7W | 50*1024 |
| 190 | AES_001 | M05_001 | | 56M0G7W | 40*1024 |
| 191 | AET_001 | VAZ_001 | | 56M0G7W | 100*1024 |
| 192 | AGK_003 | AGK_002 | | 56M0G7W | 40*1024 |
| 193 | AGL_001 | ASH_002 | | 56M0G7W | 100*1024 |
| 194 | AJB_001 | PAY_MW | | 56M0G7W | 50*1024 |
| | PAY_MW | GGL_001 | | 56M0G7W | 50*1024 |
| 195 | AKN_001 | KAT_001 | | 56M0G7W | 50*1024 |
| 196 | ALZ_001 | VNS_001 | | 56M0G7W | 40*1024 |
| 197 | AMA_002 | AMA_001 | | 56M0G7W | 40*1024 |
| 198 | APN_001 | HRT_001 | | 56M0G7W | 100*1024 |
| 199 | ARA_002 | ARA_001 | | 56M0G7W | 40*1024 |
| 200 | ARG_001 | HRT_001 | | 56M0G7W | 50*1024 |
| 201 | ARM_03 | AYS_001 | | 56M0G7W | 40*1024 |
| 202 | ARV_001 | GRN_001 | | 56M0G7W | 80*1024 |
| 203 | ASH_006 | M01_001 | | 56M0G7W | 100*1024 |
| 204 | ATP_002 | ATP_001 | | 56M0G7W | 40*1024 |
| 205 | AVA_001 | M01_002 | | 56M0G7W | 50*1024 |
| 206 | AVI_001 | TSK_001 | | 56M0G7W | 50*1024 |
| 207 | BDN_001 | SRS_001 | | 56M0G7W | 50*1024 |
| 208 | BUJ_001 | BUJ_002 | | 56M0G7W | 50*1024 |
| 209 | CTN_001 | AVB_002 | | 56M0G7W | 50*1024 |
| 210 | DBS_001 | SNT_001 | | 56M0G7W | 50*1024 |
| 211 | EGH_003 | MAL_001 | | 56M0G7W | 40*1024 |
| 212 | EGN_001 | ZTK_001 | | 56M0G7W | 40*1024 |
| 213 | GAV_004 | NTS_001 | | 56M0G7W | 100*1024 |
| 214 | GDR_001 | GEG_01 | | 56M0G7W | 50*1024 |

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|-----|---------|---------|--|---------|----------|
| 215 | GET_01 | KHP_001 | | 56M0G7W | 40*1024 |
| 216 | GET_01 | ZRK_001 | | 56M0G7W | 80*1024 |
| 217 | GET_01 | AVT_001 | | 56M0G7W | 40*1024 |
| 218 | GOT_001 | GGD_002 | | 56M0G7W | 40*1024 |
| 219 | GRB_001 | ARM_02 | | 56M0G7W | 50*1024 |
| 220 | GTM_001 | KPT_001 | | 56M0G7W | 100*1024 |
| 221 | GYB_001 | JRD_001 | | 56M0G7W | 50*1024 |
| 222 | GYU_001 | GYU_018 | | 56M0G7W | 40*1024 |
| 223 | GYU_009 | GYU_020 | | 56M0G7W | 40*1024 |
| 224 | GYU_017 | GYU_001 | | 56M0G7W | 40*1024 |
| 225 | GYU_024 | GYU_013 | | 56M0G7W | 40*1024 |
| 226 | GYU_026 | GYU_010 | | 56M0G7W | 40*1024 |
| 227 | GYU_02 | MAN_001 | | 56M0G7W | 40*1024 |
| 228 | GYU_03 | ATK_001 | | 56M0G7W | 40*1024 |
| 229 | HAJ_001 | BVN_001 | | 56M0G7W | 40*1024 |
| 230 | HAY_001 | GAY_001 | | 56M0G7W | 40*1024 |
| 231 | HER_001 | VDH_001 | | 56M0G7W | 50*1024 |
| 232 | HGK_001 | TSG_001 | | 56M0G7W | 50*1024 |
| 233 | HLV_MW | HLV_001 | | 56M0G7W | 50*1024 |
| | HLV_MW | LNP_001 | | 56M0G7W | 50*1024 |
| 234 | HRA_004 | HRA_007 | | 56M0G7W | 40*1024 |
| 235 | HRA_010 | HRA_005 | | 56M0G7W | 100*1024 |
| 236 | HTC_001 | M07_003 | | 56M0G7W | 100*1024 |
| 237 | HTG_001 | HVT_001 | | 56M0G7W | 40*1024 |
| 238 | HTG_001 | VAG_004 | | 56M0G7W | 100*1024 |
| 239 | HVS_001 | JRH_001 | | 56M0G7W | 40*1024 |
| 240 | HVS_001 | ART_001 | | 56M0G7W | 100*1024 |
| 241 | HVS_001 | JRS_001 | | 56M0G7W | 40*1024 |
| 242 | HVS_001 | ARA_04 | | 56M0G7W | 100*1024 |
| 243 | IDJ_002 | IDJ_004 | | 56M0G7W | 100*1024 |
| 244 | IDJ_002 | IDJ_003 | | 56M0G7W | 40*1024 |
| 245 | ISA_001 | SKV_001 | | 56M0G7W | 50*1024 |
| 246 | JRB_001 | M04_002 | | 56M0G7W | 100*1024 |
| 247 | JRT_001 | AQS_001 | | 56M0G7W | 50*1024 |
| 248 | KAP_002 | KAP_003 | | 56M0G7W | 100*1024 |
| 249 | KAP_003 | KAP_001 | | 56M0G7W | 80*1024 |
| 250 | KCH_001 | ARQ_001 | | 56M0G7W | 50*1024 |
| 251 | KGB_001 | BDV_001 | | 56M0G7W | 50*1024 |
| 252 | KGT_001 | YGD_001 | | 56M0G7W | 50*1024 |
| 253 | KNJ_001 | ARM_003 | | 56M0G7W | 50*1024 |
| 254 | KQV_001 | M01_003 | | 56M0G7W | 50*1024 |
| 255 | KSH_001 | M01_002 | | 56M0G7W | 40*1024 |
| 256 | LCN_001 | SEV_002 | | 56M0G7W | 50*1024 |
| 257 | LUS_001 | PVD_001 | | 56M0G7W | 40*1024 |
| 258 | M01_004 | BZB_002 | | 56M0G7W | 50*1024 |
| 259 | M01_007 | GYU_03 | | 56M0G7W | 40*1024 |
| 260 | M02_001 | ARV_001 | | 56M0G7W | 100*1024 |
| 261 | M02_001 | LAN_001 | | 56M0G7W | 40*1024 |
| 262 | M02_005 | VDT_001 | | 56M0G7W | 50*1024 |
| 263 | M03_001 | APN_001 | | 56M0G7W | 100*1024 |
| 264 | M03_005 | SNK_MW | | 56M0G7W | 100*1024 |
| 265 | M04_002 | FAN_001 | | 56M0G7W | 100*1024 |
| 266 | M04_008 | SGH_001 | | 56M0G7W | 50*1024 |
| 267 | M04_010 | PRQ_001 | | 56M0G7W | 50*1024 |
| 268 | M06_002 | EGT_001 | | 56M0G7W | 50*1024 |
| 269 | M06_003 | AYT_001 | | 56M0G7W | 50*1024 |
| 270 | M06_008 | CHO_001 | | 56M0G7W | 50*1024 |
| 271 | M07_001 | VAN_009 | | 56M0G7W | 100*1024 |
| 272 | M09_001 | GRG_001 | | 56M0G7W | 50*1024 |
| 273 | MAS_004 | NRM_001 | | 56M0G7W | 40*1024 |
| 274 | MTM_002 | MTM_001 | | 56M0G7W | 40*1024 |
| 275 | MRG_001 | PTG_001 | | 56M0G7W | 100*1024 |

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|-----|---------|---------|--|---------|----------|
| 276 | MRN_001 | MAY_001 | | 56M0G7W | 40*1024 |
| 277 | MVN_001 | YER_086 | | 56M0G7W | 28*1024 |
| 278 | NRA_001 | HKT_001 | | 56M0G7W | 40*1024 |
| 279 | NRM_001 | HVS_001 | | 56M0G7W | 40*1024 |
| 280 | NSN_001 | M10_001 | | 56M0G7W | 100*1024 |
| 281 | ORG_001 | BRN_001 | | 56M0G7W | 40*1024 |
| 282 | SAS_001 | ASH_001 | | 56M0G7W | 50*1024 |
| 283 | SEV_003 | SEV_005 | | 56M0G7W | 40*1024 |
| 284 | SNK_MW | M03_004 | | 56M0G7W | 100*1024 |
| 285 | SNK_MW | QCH_001 | | 56M0G7W | 100*1024 |
| 286 | SPI_001 | SPI_004 | | 56M0G7W | 50*1024 |
| 287 | SRL_001 | KTJ_001 | | 56M0G7W | 50*1024 |
| 288 | SRN_001 | SRN_PSR | | 56M0G7W | 50*1024 |
| | TRG_MW | SRN_PSR | | 56M0G7W | 50*1024 |
| 289 | STE_002 | STE_001 | | 56M0G7W | 40*1024 |
| 290 | STE_002 | GUL_01 | | 56M0G7W | 40*1024 |
| 291 | SUS_001 | DZQ_001 | | 56M0G7W | 50*1024 |
| 292 | TAP_001 | PVD_001 | | 56M0G7W | 40*1024 |
| 293 | TKB_001 | SRL_001 | | 56M0G7W | 50*1024 |
| 294 | TNL_003 | M09_001 | | 56M0G7W | 50*1024 |
| 295 | TNL_MW | TNL_002 | | 56M0G7W | 50*1024 |
| | M04_004 | TNL_MW | | 56M0G7W | 50*1024 |
| 296 | TSH_001 | TSH_MW | | 56M0G7W | 50*1024 |
| | TSH_MW | M06_006 | | 56M0G7W | 50*1024 |
| 297 | TSN_001 | M04_010 | | 56M0G7W | 50*1024 |
| 298 | TTV_001 | HLD_001 | | 56M0G7W | 50*1024 |
| 299 | TZG_001 | GTN_001 | | 56M0G7W | 40*1024 |
| 300 | URS_001 | M03_006 | | 56M0G7W | 50*1024 |
| 301 | VAG_005 | VAG_007 | | 56M0G7W | 40*1024 |
| 302 | VAR_004 | VAR_001 | | 56M0G7W | 50*1024 |
| 303 | VED_002 | VED_001 | | 56M0G7W | 40*1024 |
| 304 | VRD_002 | M02_024 | | 56M0G7W | 100*1024 |
| 305 | YER_012 | YER_153 | | 56M0G7W | 28*1024 |
| 306 | YER_015 | YER_085 | | 56M0G7W | 256*1024 |
| 307 | YER_020 | YER_086 | | 56M0G7W | 80*1024 |
| 308 | YER_031 | YER_167 | | 56M0G7W | 256*1024 |
| 309 | YER_118 | YER_041 | | 56M0G7W | 28*1024 |
| 310 | YER_164 | YER_008 | | 56M0G7W | 40*1024 |
| 311 | YER_171 | YER_022 | | 56M0G7W | 40*1024 |
| 312 | YER_197 | YER_056 | | 56M0G7W | 40*1024 |
| 313 | ZRK_001 | DKT_001 | | 56M0G7W | 40*1024 |
| 314 | ZRK_001 | HVS_001 | | 56M0G7W | 100*1024 |
| 315 | M02_005 | AGH_01 | | 56M0G7W | 100*1024 |
| 316 | M07_003 | M07_002 | | 56M0G7W | 100*1024 |
| 317 | SPI_001 | M07_001 | | 56M0G7W | 100*1024 |
| 318 | M03_003 | APA_001 | | 56M0G7W | 40*1024 |
| 319 | ASH_001 | ERZ_001 | | 56M0G7W | 40*1024 |
| 320 | GYU_026 | GYU_011 | | 56M0G7W | 40*1024 |
| 321 | GYU_027 | GYU_009 | | 56M0G7W | 40*1024 |
| 322 | GYU_01 | HOR_001 | | 56M0G7W | 40*1024 |
| 323 | HRA_003 | HRA_011 | | 56M0G7W | 40*1024 |
| 324 | IDJ_005 | BRD_001 | | 56M0G7W | 40*1024 |
| 325 | JER_002 | JER_004 | | 56M0G7W | 40*1024 |
| 326 | KAR_001 | MUS_001 | | 56M0G7W | 40*1024 |
| 327 | GTV_001 | KHS_001 | | 56M0G7W | 40*1024 |
| 328 | M10_001 | LCP_001 | | 56M0G7W | 40*1024 |
| 329 | MVS_001 | ABO_003 | | 56M0G7W | 40*1024 |
| 330 | SLK_001 | QGS_001 | | 56M0G7W | 40*1024 |
| 331 | SHR_001 | M07_002 | | 56M0G7W | 40*1024 |
| 332 | STE_002 | STE_003 | | 56M0G7W | 40*1024 |
| 333 | URT_001 | SVR_001 | | 56M0G7W | 40*1024 |
| 334 | MTN_REG | VGN_001 | | 56M0G7W | 40*1024 |

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|-----|---------|---------|--|---------|---------|
| 335 | YEG_003 | YEG_005 | | 56M0G7W | 40*1024 |
| 336 | VSZ_001 | OSH_001 | | 56M0G7W | 40*1024 |
| 337 | M06_006 | SHL_001 | | 56M0G7W | 40*1024 |
| 338 | VAR_001 | VAR_005 | | 56M0G7W | 40*1024 |
| 339 | ABO_003 | AKQ_001 | | 56M0G7W | 40*1024 |
| 340 | ASH_007 | ASH_002 | | 56M0G7W | 40*1024 |
| 341 | ATK_004 | ATK_001 | | 56M0G7W | 40*1024 |
| 342 | GAV_005 | GAV_002 | | 56M0G7W | 40*1024 |
| 343 | ABO_003 | KOT_001 | | 56M0G7W | 40*1024 |
| 344 | M03_001 | KRB_001 | | 56M0G7W | 40*1024 |
| 345 | M07_003 | PRN_001 | | 56M0G7W | 40*1024 |
| 346 | GUL_01 | KUR_001 | | 56M0G7W | 40*1024 |
| 347 | M03_006 | SVR_001 | | 56M0G7W | 40*1024 |
| 348 | PNK_001 | HCH_001 | | 56M0G7W | 40*1024 |
| 349 | SHT_001 | STQ_001 | | 56M0G7W | 40*1024 |
| 350 | ARS_001 | JYL_001 | | 56M0G7W | 40*1024 |
| 351 | AGG_001 | VSZ_001 | | 56M0G7W | 40*1024 |
| 352 | M03_005 | THT_001 | | 56M0G7W | 40*1024 |
| 353 | AEL_001 | CHA_003 | | 56M0G7W | 40*1024 |
| 354 | YEG_004 | YEG_003 | | 56M0G7W | 40*1024 |
| 355 | DIL_007 | DIL_001 | | 56M0G7W | 40*1024 |
| 356 | GTV_001 | IDJ_006 | | 56M0G7W | 50*1024 |
| 357 | KAP_008 | KAP_001 | | 56M0G7W | 50*1024 |
| 358 | ARA_04 | QTS_001 | | 56M0G7W | 50*1024 |
| 359 | HSH_001 | ARM_005 | | 56M0G7W | 50*1024 |
| 360 | ATS_001 | KHR_001 | | 56M0G7W | 50*1024 |
| 361 | EGH_001 | ADZ_001 | | 56M0G7W | 50*1024 |
| 362 | MAS_004 | SNV_001 | | 56M0G7W | 50*1024 |
| 363 | YER_219 | YER_013 | | 56M0G7W | 50*1024 |
| 364 | YER_008 | YER_223 | | 56M0G7W | 50*1024 |
| 365 | ATP_003 | YER_218 | | 56M0G7W | 50*1024 |
| 366 | HTG_001 | SHA_001 | | 56M0G7W | 50*1024 |
| 367 | GOR_003 | GOR_005 | | 56M0G7W | 50*1024 |
| 368 | YER_005 | YER_224 | | 56M0G7W | 50*1024 |
| 369 | YER_179 | YER_004 | | 28MOD7W | 16*2.04 |
| 370 | YER_024 | YER_187 | | 28MOD7W | 18*2.04 |
| 371 | YER_126 | YER_192 | | 28MOD7W | 18*2.04 |
| 372 | YER_004 | YER_193 | | 28MOD7W | 16*2.04 |
| 373 | LOR_001 | AHD_001 | | 14MOD7W | 8*2.01 |
| 374 | DOV_001 | ANT_001 | | 28MOD7W | 16*2.04 |
| 375 | ZED_001 | ARN_001 | | 28MOD7W | 16*2.04 |
| 376 | KAT_001 | ASN_001 | | 28MOD7W | 16*2.04 |
| 377 | M09_004 | DZM_001 | | 14MOD7W | 8*2.04 |
| 378 | DOV_001 | DZT_001 | | 28MOD7W | 16*2.04 |
| 379 | MAY_001 | VHB_001 | | 28MOD7W | 16*2.04 |
| 380 | KVT_001 | GTK_001 | | 28MOD7W | 16*2.04 |
| 381 | GTM_001 | JRB_002 | | 14MOD7W | 8*2.04 |
| 382 | VKA_001 | MSG_001 | | 28MOD7W | 16*2.04 |
| 383 | YER_065 | NUB_002 | | 28MOD7W | 18*2.04 |
| 384 | VAG_001 | PTQ_001 | | 28MOD7W | 16*2.04 |
| 385 | LMN_001 | QBD_001 | | 28MOD7W | 16*2.04 |
| 386 | LRK_001 | QRB_001 | | 14MOD7W | 8*2.04 |
| 387 | M06_008 | QRK_001 | | 14MOD7W | 8*2.04 |
| 388 | M03_004 | SIP_001 | | 14MOD7W | 8*2.04 |
| 389 | M01_003 | AGA_001 | | 28MOD7W | 16*2.04 |
| 390 | HTG_001 | AGC_001 | | 14MOD7W | 8*2.04 |
| 391 | ART_001 | AGD_001 | | 28MOD7W | 18*2.04 |
| 392 | YGD_001 | AGR_001 | | 28MOD7W | 16*2.04 |
| 393 | M02_002 | AIG_001 | | 28MOD7W | 18*2.04 |
| 394 | YER_032 | ARJ_001 | | 28MOD7W | 16*2.04 |
| 395 | ARM_01 | ARK_001 | | 28MOD7W | 16*2.04 |
| 396 | ATK_001 | ATK_003 | | 28MOD7W | 16*2.04 |

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|-----|---------|---------|--|---------|----------|
| 397 | BGM_001 | AYK_001 | | 28MOD7W | 16*2.04 |
| 398 | AMA_001 | GHZ_001 | | 14MOD7W | 8*2.04 |
| 399 | SKV_001 | GSG_001 | | 28MOD7W | 16*2.04 |
| 400 | GYU_007 | GYU_022 | | 28MOD7W | 18*2.04 |
| 401 | ZVN_001 | ZVN_002 | | 28MOD7W | 16*2.04 |
| 402 | FLT_001 | MHT_001 | | 14MOD7W | 8*2.04 |
| 403 | ARV_001 | MNS_001 | | 28MOD7W | 18*2.04 |
| 404 | AMA_001 | SPS_001 | | 14MOD7W | 8*2.04 |
| 405 | M02_004 | SVK_001 | | 14MOD7W | 8*2.04 |
| 406 | EGH_002 | SSK_001 | | 14MOD7W | 8*2.04 |
| 407 | YEG_002 | QNV_001 | | 28MOD7W | 16*2.04 |
| 408 | BRD_002 | BRD_003 | | 28MOD7W | 18*2.04 |
| 409 | YER_065 | BSN_001 | | 28MOD7W | 18*2.04 |
| 410 | ZRV_001 | YEG_003 | | 28MOD7W | 18*2.04 |
| 411 | M01_001 | PRS_001 | | 28MOD7W | 16*2.04 |
| 412 | M01_001 | PRS_002 | | 28MOD7W | 16*2.04 |
| 413 | M01_004 | BZB_003 | | 28MOD7W | 16*2.04 |
| 414 | AKT_001 | MSQ_001 | | 28MOD7W | 16*2.04 |
| 415 | ZRK_001 | DRB_001 | | 28MOD7W | 18*2.04 |
| 416 | HKT_001 | SDP_001 | | 14MOD7W | 8*2.04 |
| 417 | M05_001 | TRN_001 | | 28MOD7W | 16*2.04 |
| 418 | MAQ_001 | GEQ_001 | | 7M00G7W | 8*2.04 |
| 419 | ARL_001 | M05_001 | | 7M00G7W | 8*2.04 |
| 420 | AGE_001 | HKT_001 | | 7M00G7W | 8*2.04 |
| 421 | NKT_001 | M02_002 | | 7M00G7W | 8*2.04 |
| 422 | MRM_001 | HVS_001 | | 7M00G7W | 8*2.04 |
| 423 | ALP_001 | AZK_001 | | 7M00G7W | 8*2.04 |
| 424 | AST_001 | AMA_001 | | 7M00G7W | 8*2.04 |
| 425 | MSK_001 | ARM_003 | | 7M00G7W | 8*2.04 |
| 426 | BZB_001 | M01_004 | | 7M00G7W | 8*2.04 |
| 427 | JFD_001 | ARM_01 | | 7M00G7W | 8*2.04 |
| 428 | BMB_001 | ARM_01 | | 7M00G7W | 8*2.04 |
| 429 | HRA_008 | HRA_001 | | 7M00G7W | 8*2.04 |
| 430 | HTC_001 | GYU_003 | | 7M00G7W | 8*2.04 |
| 431 | KAJ_003 | KAJ_001 | | 7M00G7W | 8*2.04 |
| 432 | GSH_001 | ARM_005 | | 7M00G7W | 8*2.04 |
| 433 | AHT_001 | VGT_001 | | 7M00G7W | 16*2.04 |
| 434 | SRB_001 | ZVS_001 | | 7M00G7W | 8*2.04 |
| 435 | BRK_001 | SIS_001 | | 7M00G7W | 8*2.04 |
| 436 | RND_001 | AGH_01 | | 7M00G7W | 16*2.04 |
| 437 | YER_155 | YER_007 | | 7M00G7W | 20*2.04 |
| 438 | YER_177 | YER_125 | | 7M00G7W | 20*2.04 |
| 439 | GYU_019 | GYU_005 | | 7M00G7W | 20*2.04 |
| 440 | KAP_007 | KAP_003 | | 7M00G7W | 8*2.04 |
| 441 | YER_172 | YER_025 | | 7M00G7W | 20*2.04 |
| 442 | M02_015 | SPD_001 | | 7M00G7W | 4 *2.04 |
| 443 | SHI_002 | SVD_002 | | 7M00G7W | 4 *2.04 |
| 444 | SHI_002 | SVD_001 | | 7M00G7W | 8 *2.04 |
| 445 | YER_122 | YER_012 | | 7M00G7W | 4 *2.04 |
| 446 | ACH_001 | AZT_001 | | 7M00G7W | 4 *2.04 |
| 447 | JUJ_001 | KTI_001 | | 7M00G7W | 4 *2.04 |
| 448 | YER_048 | YER_154 | | 7M00G7W | 4 *2.04 |
| 449 | LPR_001 | GEG_01 | | 7M00G7W | 4 *2.04 |
| 450 | HRT_001 | QCH_001 | | 7M00G7W | 16 *2.04 |
| 451 | ATP_001 | ATP_003 | | 7M00G7W | 4 *2.04 |
| 452 | HRA_006 | HRA_004 | | 7M00G7W | 4 *2.04 |
| 453 | YER_120 | YER_008 | | 7M00G7W | 4 *2.04 |
| 454 | YER_118 | YER_061 | | 7M00G7W | 8 *2.04 |
| 455 | STN_001 | STN_MW | | 7M00G7W | 4 *2.04 |
| 456 | VKT_001 | GET_01 | | 7M00G7W | 4 *2.04 |
| 457 | YER_159 | YER_089 | | 7M00G7W | 4 *2.04 |
| 458 | YER_176 | YER_025 | | 7M00G7W | 4 *2.04 |

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|-----|---------|---------|--|---------|-----------|
| 459 | M02_016 | M02_019 | | 7M00G7W | 1*STM1 |
| 460 | GTM_001 | M04_002 | | 7M00G7W | 1*STM1 |
| 461 | QCH_001 | SNK_MW | | 7M00G7W | 1*STM1 |
| 462 | SPI_002 | M03_005 | | 7M00G7W | 1*STM1 |
| 463 | NRV_001 | AGH_01 | | 16MOG7D | 4 x 2.04 |
| 464 | ZRT_001 | AMA_001 | | 16MOG7D | 4 x 2.04 |
| 465 | VND_001 | ARM_005 | | 16MOG7D | 4 x 2.04 |
| 466 | AZN_001 | ARE_001 | | 16MOG7D | 4 x 2.04 |
| 467 | GAV_004 | SHO_001 | | 16MOG7D | 4 x 2.04 |
| 468 | GEG_01 | M03_005 | | 16MOG7D | 16 x 2.04 |
| 469 | GYU_012 | GYU_007 | | 16MOG7D | 4 x 2.04 |
| 470 | KAP_004 | KAP_001 | | 16MOG7D | 4 x 2.04 |
| 471 | KAP_001 | KAP_006 | | 16MOG7D | 4 x 2.04 |
| 472 | KAP_002 | KAP_003 | | 16MOG7D | 16 x 2.04 |
| 473 | M01_005 | MSA_001 | | 16MOG7D | 4 x 2.04 |
| 474 | M02_019 | SHU_001 | | 16MOG7D | 4 x 2.04 |
| 475 | M03_004 | MLK_001 | | 16MOG7D | 4 x 2.04 |
| 476 | M03_005 | SRM_001 | | 16MOG7D | 4 x 2.04 |
| 477 | M04_003 | IDJ_001 | | 16MOG7D | 16 x 2.04 |
| 478 | M01_005 | M05_001 | | 16MOG7D | 1 x STM1 |
| 479 | M07_001 | LNP_001 | | 16MOG7D | 4 x 2.04 |
| 480 | GUR_001 | M07_001 | | 16MOG7D | 4 x 2.04 |
| 481 | M10_001 | DRA_001 | | 16MOG7D | 4 x 2.04 |
| 482 | M10_003 | TPT_001 | | 16MOG7D | 4 x 2.04 |
| 483 | SHI_002 | SHI_001 | | 16MOG7D | 8 x 2.04 |
| 484 | CHM_002 | SHO_001 | | 16MOG7D | 4 x 2.04 |
| 485 | SPI_002 | SPI_001 | | 16MOG7D | 16 x 2.04 |
| 486 | ARS_001 | TPT_001 | | 16MOG7D | 4 x 2.04 |
| 487 | TUJ_001 | VHN_001 | | 16MOG7D | 4 x 2.04 |
| 488 | NKA_001 | VKA_001 | | 16MOG7D | 4 x 2.04 |
| 489 | YER_065 | NUB_001 | | 16MOG7D | 4 x 2.04 |
| 490 | YEG_001 | ZRV_001 | | 16MOG7D | 4 x2.04 |
| 491 | YER_152 | ZVN_001 | | 16MOG7D | 4 x2.04 |
| 492 | AGN_002 | AGN_001 | | 16MOG7D | 4x2.04 |
| 493 | ALA_002 | ALA_001 | | 16MOG7D | 4x2.04 |
| 494 | ALV_001 | NRN_002 | | 16MOG7D | 4x2.04 |
| 495 | AMS_001 | SVB_001 | | 16MOG7D | 4x2.04 |
| 496 | ARA_003 | SUR_001 | | 16MOG7D | 4x2.04 |
| 497 | DVN_001 | ARA_04 | | 16MOG7D | 4x2.04 |
| 498 | AGS_001 | ARA_04 | | 16MOG7D | 4x2.04 |
| 499 | ARA_04 | NAR_001 | | 16MOG7D | 4x2.04 |
| 500 | ARM_005 | NAL_001 | | 16MOG7D | 4x2.04 |
| 501 | ARM_04 | ARM_01 | | 16MOG7D | 16x2.04 |
| 502 | ARM_01 | TAN_001 | | 16MOG7D | 4x2.04 |
| 503 | BGM_002 | ARM_04 | | 16MOG7D | 4x2.04 |
| 504 | ASH_001 | ASH_004 | | 16MOG7D | 4x2.04 |
| 505 | LOR_001 | ATA_001 | | 16MOG7D | 4x2.04 |
| 506 | AGN_001 | AZK_001 | | 16MOG7D | 4x2.04 |
| 507 | BAL_001 | BAL_002 | | 16MOG7D | 4x2.04 |
| 508 | BGN_001 | KUT_001 | | 16MOG7D | 4x2.04 |
| 509 | BRD_002 | BRD_001 | | 16MOG7D | 4x2.04 |
| 510 | NAV_001 | BRD_001 | | 16MOG7D | 4x2.04 |
| 511 | CHK_001 | DSG_001 | | 16MOG7D | 4x2.04 |
| 512 | GEG_001 | NUR_001 | | 16MOG7D | 4x2.04 |
| 513 | HOV_001 | GET_01 | | 16MOG7D | 4x2.04 |
| 514 | GTM_001 | NOR_001 | | 16MOG7D | 8x2.04 |
| 515 | MRG_001 | GTM_001 | | 16MOG7D | 4x2.04 |
| 516 | LCH_001 | GTS_001 | | 16MOG7D | 4x2.04 |
| 517 | GYB_001 | VGJ_001 | | 16MOG7D | 4x2.04 |
| 518 | GEG_001 | HAI_001 | | 16MOG7D | 4x2.04 |
| 519 | AGV_001 | HRA_001 | | 16MOG7D | 4x2.04 |
| 520 | HRA_004 | LRN_001 | | 16MOG7D | 4x2.04 |

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|-----|---------|---------|--|---------|----------|
| 521 | JER_001 | JER_003 | | 16MOG7D | 4x2.04 |
| 522 | JRT_001 | HAY_001 | | 16MOG7D | 4x2.04 |
| 523 | APG_001 | JRT_001 | | 16MOG7D | 4x2.04 |
| 524 | KAP_005 | KAP_002 | | 16MOG7D | 4x2.04 |
| 525 | KAP_003 | SYQ_001 | | 16MOG7D | 4x2.04 |
| 526 | DTD_001 | KAT_001 | | 16MOG7D | 4x2.04 |
| 527 | GGI_001 | KAV_001 | | 16MOG7D | 4x2.04 |
| 528 | KVT_001 | KAP_003 | | 16MOG7D | 16x2.04 |
| 529 | M01_002 | UJN_001 | | 16MOG7D | 4x2.04 |
| 530 | M01_003 | KSH_001 | | 16MOG7D | 4x2.04 |
| 531 | M01_005 | TAL_001 | | 16MOG7D | 4x2.04 |
| 532 | MAR_001 | M01_007 | | 16MOG7D | 4x2.04 |
| 533 | M02_001 | BYU_001 | | 16MOG7D | 4x2.04 |
| 534 | ELP_001 | M02_006 | | 16MOG7D | 4x2.04 |
| 535 | M02_009 | GMQ_001 | | 16MOG7D | 4x2.04 |
| 536 | CHA_004 | M04_002 | | 16MOG7D | 4x2.04 |
| 537 | CHA_002 | M04_002 | | 16MOG7D | 8x2.04 |
| 538 | FLT_001 | M04_003 | | 16MOG7D | 16x2.04 |
| 539 | M04_004 | DIL_003 | | 16MOG7D | 4x2.04 |
| 540 | M04_005 | HAG_001 | | 16MOG7D | 4x2.04 |
| 541 | M04_010 | TOV_001 | | 16MOG7D | 4x2.04 |
| 542 | M05_001 | EGN_001 | | 16MOG7D | 4x2.04 |
| 543 | EDS_001 | M05_001 | | 16MOG7D | 4x2.04 |
| 544 | ODZ_001 | M06_005 | | 16MOG7D | 4x2.04 |
| 545 | M06_008 | TGH_001 | | 16MOG7D | 4x2.04 |
| 546 | JIL_001 | M06_011 | | 16MOG7D | 4x2.04 |
| 547 | M09_001 | GUL_01 | | 16MOG7D | 4x2.04 |
| 548 | HRV_001 | M10_002 | | 16MOG7D | 4x2.04 |
| 549 | YRN_001 | M10_004 | | 16MOG7D | 4x2.04 |
| 550 | M11_001 | ANS_001 | | 16MOG7D | 4x2.04 |
| 551 | M04_003 | M14_001 | | 16MOG7D | 8x2.04 |
| 552 | YAN_001 | MAD_001 | | 16MOG7D | 4x2.04 |
| 553 | MGT_001 | MTM_001 | | 16MOG7D | 4x2.04 |
| 554 | MTN_002 | ZOL_001 | | 16MOG7D | 4x2.04 |
| 555 | ARZ_001 | NOR_001 | | 16MOG7D | 4x2.04 |
| 556 | NOY_001 | BKM_001 | | 16MOG7D | 4x2.04 |
| 557 | KGB_001 | NOY_001 | | 16MOG7D | 4x2.04 |
| 558 | DRK_001 | NRK_001 | | 16MOG7D | 4x2.04 |
| 559 | RAN_001 | NRM_001 | | 16MOG7D | 4x2.04 |
| 560 | NRN_002 | NRN_001 | | 16MOG7D | 4x2.04 |
| 561 | QAR_001 | LRG_001 | | 16MOG7D | 4x2.04 |
| 562 | SHT_001 | ZOD_001 | | 16MOG7D | 4x2.04 |
| 563 | BGV_001 | SUS_001 | | 16MOG7D | 4x2.04 |
| 564 | HAT_001 | SVB_001 | | 16MOG7D | 4x2.04 |
| 565 | TRG_MW | YGD_001 | | 16MOG7D | 8x2.04 |
| 566 | MGN_001 | VAG_004 | | 16MOG7D | 4x2.04 |
| 567 | AZP_001 | VDS_001 | | 16MOG7D | 4x2.04 |
| 568 | VKH_001 | GTQ_001 | | 16MOG7D | 4x2.04 |
| 569 | YAN_001 | SEL_001 | | 16MOG7D | 4x2.04 |
| 570 | YER_080 | YER_008 | | 16MOG7D | 4x2.04 |
| 571 | PAR_001 | YER_020 | | 16MOG7D | 4x2.04 |
| 572 | YER_127 | YER_026 | | 16MOG7D | 4x2.04 |
| 573 | AVN_001 | YER_032 | | 16MOG7D | 4x2.04 |
| 574 | M01_001 | YER_074 | | 16MOG7D | 4x2.04 |
| 575 | QAS_001 | YER_074 | | 16MOG7D | 4x2.04 |
| 576 | YER_151 | YER_095 | | 16MOG7D | 4x2.04 |
| 577 | ZED_001 | ATV_001 | | 16MOG7D | 4x2.04 |
| 578 | BAG_001 | KAT_001 | | 7M00G7W | 4 x 2048 |
| 579 | KRT_001 | SRS_001 | | 7M00G7W | 4 x 2048 |
| 580 | DOV_001 | M02_019 | | 7M00G7W | 4 x 2048 |
| 581 | KAP_003 | YGD_001 | | 7M00G7W | 4 x 2048 |
| 582 | TRG_MW | YGD_001 | | 7M00G7W | 4 x 2048 |

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|-----|---------|---------|--|---------|-----------|
| 583 | TSV_001 | TRG_MW | | 7M00G7W | 4 x 2048 |
| 584 | SHI_001 | TSV_001 | | 7M00G7W | 4 x 2048 |
| 585 | AGK_001 | AGK_002 | | 7M00G7W | 4 x 2048 |
| 586 | M02_002 | VED_MW | | 7M00G7W | 16 x 2048 |
| 587 | AVB_001 | CTN_001 | | 7M00G7W | 4 x 2048 |
| 588 | MRK_001 | HRA_001 | | 7M00G7W | 4 x 2048 |
| 589 | MGZ_001 | MRK_001 | | 7M00G7W | 4 x 2048 |
| 590 | ATZ_002 | MGZ_001 | | 7M00G7W | 4 x 2048 |
| 591 | ATZ_001 | ATZ_002 | | 7M00G7W | 4 x 2048 |
| 592 | ELN_001 | ATZ_001 | | 7M00G7W | 4 x 2048 |
| 593 | KAP_003 | CHT_001 | | 7M00G7W | 4 x 2048 |
| 594 | BJN_001 | M04_002 | | 7M00G7W | 4 x 2048 |
| 595 | KAJ_001 | KAV_001 | | 7M00G7W | 4 x 2048 |
| 596 | SRS_001 | M02_009 | | 7M00G7W | 4 x 2048 |
| 597 | GAV_001 | GAV_002 | | 7M00G7W | 4 x 2048 |
| 598 | AVB_001 | AGZ_MW | | 7M00G7W | 4 x 2048 |
| 599 | AGZ_MW | AGZ_001 | | 7M00G7W | 4 x 2048 |
| 600 | M09_001 | ATA_001 | | 7M00G7W | 4 x 2048 |
| 601 | AMS_001 | GSN_001 | | 7M00G7W | 4 x 2048 |
| 602 | QAR_001 | ARM_04 | | 7M00G7W | 4 x 2048 |
| 603 | M01_006 | ZVS_001 | | 7M00G7W | 4 x 2048 |
| 604 | GYU_03 | LRK_001 | | 7M00G7W | 4 x 2048 |
| 605 | KRS_001 | M02_013 | | 7M00G7W | 4 x 2048 |
| 606 | AKT_001 | SIS_001 | | 7M00G7W | 4 x 2048 |
| 607 | SIS_001 | AKL_001 | | 7M00G7W | 4 x 2048 |
| 608 | TSK_001 | AKL_001 | | 7M00G7W | 4 x 2048 |
| 609 | DTK_001 | AKL_001 | | 7M00G7W | 4 x 2048 |
| 610 | DBS_001 | VGT_001 | | 7M00G7W | 4 x 2048 |
| 611 | GOR_006 | KHD_001 | | 7M00G7W | 4 x 2048 |
| 612 | KHD_001 | TEG_001 | | 7M00G7W | 4 x 2048 |
| 613 | KAP_003 | AVK_001 | | 7M00G7W | 4 x 2048 |
| 614 | M04_003 | KAD_001 | | 7M00G7W | 8 x 2048 |
| 615 | DZV_001 | AYG_001 | | 7M00G7W | 4 x 2048 |
| 616 | DZV_001 | MRT_001 | | 7M00G7W | 4 x 2048 |
| 617 | KAD_001 | DZV_001 | | 7M00G7W | 4 x 2048 |
| 618 | MRT_001 | TUJ_001 | | 7M00G7W | 4 x 2048 |
| 619 | TUJ_001 | CHM_001 | | 7M00G7W | 4 x 2048 |
| 620 | M03_006 | PVN_001 | | 7M00G7W | 4 x 2048 |
| 621 | M03_006 | LER_001 | | 7M00G7W | 4 x 2048 |
| 622 | M09_004 | ATI_001 | | 7M00G7W | 4 x 2048 |
| 623 | MTV_001 | M09_003 | | 7M00G7W | 4 x 2048 |
| 624 | ZRV_001 | GTM_001 | | 7M00G7W | 4 x 2048 |
| 625 | YEG_002 | GTM_001 | | 7M00G7W | 4 x 2048 |
| 626 | M04_008 | VAZ_001 | | 7M00G7W | 4 x 2048 |
| 627 | IDJ_002 | IDJ_001 | | 7M00G7W | 4 x 2048 |
| 628 | GTV_001 | IDJ_001 | | 7M00G7W | 4 x 2048 |
| 629 | ACH_001 | VAZ_001 | | 7M00G7W | 4 x 2048 |
| 630 | BRD_001 | CTN_001 | | 7M00G7W | 4 x 2048 |
| 631 | BGN_001 | M04_008 | | 7M00G7W | 4 x 2048 |
| 632 | BGN_001 | KTI_001 | | 7M00G7W | 4 x 2048 |
| 633 | SAL_001 | ZED_001 | | 7M00G7W | 8 x 2048 |
| 634 | SAL_001 | STN_001 | | 7M00G7W | 4 x 2048 |
| 635 | SMB_001 | HER_001 | | 7M00G7W | 4 x 2048 |
| 636 | SRI_001 | DZN_001 | | 7M00G7W | 4 x 2048 |
| 637 | AMA_001 | DZN_001 | | 7M00G7W | 4 x 2048 |
| 638 | PGN_001 | AMA_001 | | 7M00G7W | 4 x 2048 |
| 639 | AMA_001 | SRG_001 | | 7M00G7W | 4 x 2048 |
| 640 | M07_003 | SRL_001 | | 7M00G7W | 4 x 2048 |
| 641 | SPI_001 | AVS_001 | | 7M00G7W | 4 x 2048 |
| 642 | AZN_001 | MUS_001 | | 7M00G7W | 4 x 2048 |
| 643 | DRG_001 | M10_004 | | 7M00G7W | 4 x 2048 |
| 644 | GTS_001 | GVT_001 | | 7M00G7W | 4 x 2048 |

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|-----|---------|---------|--|---------|-----------|
| 645 | MAD_001 | GTS_001 | | 7M00G7W | 4 x 2048 |
| 646 | M11_002 | MAQ_001 | | 7M00G7W | 4 x 2048 |
| 647 | GAV_003 | LJP_001 | | 7M00G7W | 4 x 2048 |
| 648 | HVN_001 | GRN_001 | | 7M00G7W | 4 x 2048 |
| 649 | SEV_002 | SEV_001 | | 7M00G7W | 4 x 2048 |
| 650 | KAJ_002 | KAJ_001 | | 7M00G7W | 4 x 2048 |
| 651 | M10_004 | GTS_001 | | 7M00G7W | 4 x 2048 |
| 652 | PGB_001 | M09_003 | | 7M00G7W | 4 x 2048 |
| 653 | M06_009 | ZRN_001 | | 7M00G7W | 4 x 2048 |
| 654 | HBT_001 | SMB_001 | | 7M00G7W | 4 x 2048 |
| 655 | M10_002 | GAV_004 | | 7M00G7W | 4 x 2048 |
| 656 | GYU_009 | AKH_001 | | 7M00G7W | 4 x 2048 |
| 657 | VKA_001 | CTN_001 | | 7M00G7W | 4 x 2048 |
| 658 | GTS_001 | VDK_001 | | 7M00G7W | 4 x 2048 |
| 659 | VED_MW | LJN_001 | | 7M00G7W | 4 x 2048 |
| 660 | VED_MW | UZR_001 | | 7M00G7W | 4 x 2048 |
| 661 | VSZ_001 | YER_079 | | 7M00G7W | 16 x 2048 |
| 662 | ZRV_001 | BUJ_001 | | 7M00G7W | 4 x 2048 |
| 663 | M05_001 | HTG_001 | | 7M00G7W | 4 x 2048 |
| 664 | HTG_001 | BGM_001 | | 7M00G7W | 4 x 2048 |
| 665 | M05_001 | ATS_001 | | 7M00G7W | 4 x 2048 |
| 666 | HKT_001 | ARM_01 | | 7M00G7W | 4 x 2048 |
| 667 | M01_005 | KAT_001 | | 7M00G7W | 4 x 2048 |
| 668 | SEV_003 | SEV_001 | | 7M00G7W | 4 x 2048 |
| 669 | M02_005 | KHC_001 | | 7M00G7W | 4 x 2048 |
| 670 | AGH_01 | EGH_003 | | 7M00G7W | 4 x 2048 |
| 671 | GRN_001 | GOT_001 | | 7M00G7W | 4 x 2048 |
| 672 | GOT_001 | GGD_001 | | 7M00G7W | 4 x 2048 |
| 673 | SHM_001 | LMN_001 | | 7M00G7W | 4 x 2048 |
| 674 | M04_003 | SEV_004 | | 7M00G7W | 4 x 2048 |
| 675 | M01_005 | VKS_001 | | 7M00G7W | 4 x 2048 |
| 676 | GYU_03 | PNK_001 | | 7M00G7W | 4 x 2048 |
| 677 | HRA_004 | ZVB_001 | | 7M00G7W | 4 x 2048 |
| 678 | M03_003 | CHQ_001 | | 7M00G7W | 4 x 2048 |
| 679 | AMA_001 | TSG_001 | | 7M00G7W | 4 x 2048 |
| 680 | AMA_001 | AGB_001 | | 7M00G7W | 4 x 2048 |
| 681 | MTS_001 | M02_009 | | 7M00G7W | 4 x 2048 |
| 682 | ATN_001 | QAR_001 | | 7M00G7W | 4 x 2048 |
| 683 | GTM_001 | BAL_001 | | 7M00G7W | 4 x 2048 |
| 684 | GTM_001 | ABO_003 | | 7M00G7W | 8 x 2048 |
| 685 | VKH_001 | AZN_001 | | 7M00G7W | 4 x 2048 |
| 686 | SKV_001 | AZN_001 | | 7M00G7W | 4 x 2048 |
| 687 | M11_002 | NRK_001 | | 7M00G7W | 4 x 2048 |
| 688 | MAY_001 | GYU_003 | | 7M00G7W | 4 x 2048 |
| 689 | MAY_001 | KMO_001 | | 7M00G7W | 4 x 2048 |
| 690 | GYB_001 | MAY_001 | | 7M00G7W | 4 x 2048 |
| 691 | KTN_001 | M03_006 | | 7M00G7W | 4 x 2048 |
| 692 | GYU_03 | ATK_002 | | 7M00G7W | 4 x 2048 |
| 693 | M03_001 | OHN_001 | | 7M00G7W | 4 x 2048 |
| 694 | VSZ_001 | PRP_001 | | 7M00G7W | 4 x 2048 |
| 695 | ORG_001 | VSZ_001 | | 7M00G7W | 4 x 2048 |
| 696 | YER_025 | YER_084 | | 7M00G7W | 4 x 2048 |
| 697 | VED_001 | DSQ_001 | | 7M00G7W | 4 x 2048 |
| 698 | YER_027 | VBD_001 | | 7M00G7W | 4 x 2048 |
| 699 | HAI_001 | NOR_001 | | 7M00G7W | 4 x 2048 |
| 700 | KES_001 | ARM_005 | | 7M00G7W | 4 x 2048 |
| 701 | ARM_01 | PSH_001 | | 7M00G7W | 4 x 2048 |
| 702 | SUS_001 | M01_005 | | 7M00G7W | 4 x 2048 |
| 703 | APM_001 | SUS_001 | | 7M00G7W | 4 x 2048 |
| 704 | EGV_001 | M02_002 | | 7M00G7W | 16 x 2048 |
| 705 | AZK_001 | SLK_001 | | 7M00G7W | 4 x 2048 |
| 706 | YER_086 | YER_101 | | 7M00G7W | 4 x 2048 |

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| 707 | YER_027 | DZB_001 | | 7M00G7W | 4 x 2048 |
| 708 | YER_102 | YER_077 | | 7M00G7W | 4 x 2048 |
| 709 | YER_042 | YER_032 | | 7M00F7D | 4 x 2048 |
| 710 | AGH_01 | M02_008 | | 7M00F7D | 4 x 2048 |
| 711 | AZT_01 | GDV_01 | | 7M00F7D | 4 x 2048 |
| 712 | CHA_001 | CHA_002 | | 7M00F7D | 4 x 2048 |
| 713 | ASH_002 | ASH_001 | | 7M00F7D | 4 x 2048 |
| 714 | ASH_003 | ASH_002 | | 7M00F7D | 4 x 2048 |
| 715 | M02_006 | AGH_01 | | 7M00F7D | 4 x 2048 |
| 716 | M02_007 | AGH_01 | | 7M00F7D | 4 x 2048 |
| 717 | VAG_004 | VAG_001 | | 7M00F7D | 4 x 2048 |
| 718 | VAG_003 | VAG_001 | | 7M00F7D | 4 x 2048 |
| 719 | HRA_004 | M10_005 | | 7M00F7D | 4 x 2048 |
| 720 | HRA_003 | HRA_001 | | 7M00F7D | 4 x 2048 |
| 721 | HRA_002 | HRA_004 | | 7M00F7D | 4 x 2048 |
| 722 | ARA_002 | ARA_003 | | 28M0F7D | 16 x 2048 |
| 723 | M02_017 | GOR_006 | | 7M00F7D | 4 x 2048 |
| 724 | GYU_003 | GYU_02 | | 28M0F7D | 16 x 2048 |
| 725 | GYU_003 | M01_006 | | 28M0F7D | 16 x 2048 |
| 726 | GYU_003 | GYU_03 | | 7M00F7D | 4 x 2048 |
| 727 | GYU_01 | M01_007 | | 7M00F7D | 4 x 2048 |
| 728 | KAJ_001 | M02_021 | | 14M0F7D | 8 x 2048 |
| 729 | GOR_006 | M02_020 | | 7M00F7D | 4 x 2048 |
| 730 | AMA_001 | GYU_003 | | 7M00F7D | 4 x 2048 |
| 731 | ARA_003 | M02_003 | | 7M00F7D | 4 x 2048 |
| 732 | ASH_001 | M03_001 | | 7M00F7D | 4 x 2048 |
| 733 | GAV_002 | M10_002 | | 7M00F7D | 4 x 2048 |
| 734 | EGH_002 | VAY_001 | | 7M00F7D | 16 x 2048 |
| 735 | GOR_002 | GOR_001 | | 7M00F7D | 4 x 2048 |
| 736 | GOR_006 | GOR_003 | | 7M00F7D | 4 x 2048 |
| 737 | VRD_001 | MEG_001 | | 7M00F7D | 4 x 2048 |
| 738 | VAG_005 | ARM_02 | | 7M00F7D | 4 x 2048 |
| 739 | SPI_003 | SPI_002 | | 7M00F7D | 4 x 2048 |
| 740 | M02_012 | M02_013 | | 7M00F7D | 4 x 2048 |
| 741 | M01_005 | M01_004 | | 28M0F7D | 16 x 2048 |
| 742 | M02_004 | M02_005 | | 7M00F7D | 4 x 2048 |
| 743 | M02_002 | VED_001 | | 7M00F7D | 4 x 2048 |
| 744 | M02_002 | ARA_002 | | 28M0F7D | 16 x 2048 |
| 745 | M02_001 | YER_065 | | 7M00F7D | 4 x 2048 |
| 746 | MAS_001 | MAS_003 | | 7M00F7D | 4 x 2048 |
| 747 | MAS_002 | MAS_001 | | 7M00F7D | 4 x 2048 |
| 748 | M11_001 | M11_002 | | 7M00F7D | 4 x 2048 |
| 749 | M10_004 | M10_003 | | 7M00F7D | 4 x 2048 |
| 750 | M10_002 | GAV_003 | | 7M00F7D | 4 x 2048 |
| 751 | M01_002 | M03_001 | | 7M00F7D | 4 x 2048 |
| 752 | M01_004 | M05_001 | | 28M0F7D | 16 x 2048 |
| 753 | M01_005 | M01_006 | | 28M0F7D | 16 x 2048 |
| 754 | M06_005 | CHK_001 | | 14M0F7D | 4 x 2048 |
| 755 | M06_004 | CHK_001 | | 7M00F7D | 4 x 2048 |
| 756 | M04_002 | HRA_004 | | 28M0F7D | 16 x 2048 |
| 757 | M04_001 | ABO_003 | | 7M00F7D | 4 x 2048 |
| 758 | M03_006 | GUL_01 | | 14M0F7D | 8 x 2048 |
| 759 | M03_005 | SPI_002 | | 28M0F7D | 16 x 2048 |
| 760 | KAP_002 | M02_021 | | 14M0F7D | 4 x 2048 |
| 761 | DIL_001 | M04_005 | | 7M00F7D | 4 x 2048 |
| 762 | DIL_001 | DIL_002 | | 7M00F7D | 4 x 2048 |
| 763 | M06_002 | CHK_001 | | 56MOD7W | 4 x 2048 |
| 764 | M04_008 | IDJ_001 | | 7M00F7D | 4 x 2048 |
| 765 | M04_008 | M04_009 | | 7M00F7D | 4 x 2048 |
| 766 | M04_004 | M04_003 | | 7M00F7D | 4 x 2048 |
| 767 | M09_003 | M03_006 | | 7M00F7D | 4 x 2048 |
| 768 | TAS_001 | M03_006 | | 7M00F7D | 4 x 2048 |

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| 769 | M04_007 | IDJ_001 | | 7M00F7D | 4 x 2048 |
| 770 | M09_003 | M09_004 | | 7M00F7D | 4 x 2048 |
| 771 | M06_010 | M06_009 | | 7M00F7D | 4 x 2048 |
| 772 | M06_007 | M06_008 | | 7M00F7D | 4 x 2048 |
| 773 | M06_006 | M06_009 | | 7M00F7D | 4 x 2048 |
| 774 | M06_006 | M06_008 | | 7M00F7D | 4 x 2048 |
| 775 | M06_005 | M06_006 | | 14M00F7D | 8 x 2048 |
| 776 | M06_003 | CHK_001 | | 7M00F7D | 4 x 2048 |
| 777 | M06_001 | M06_002 | | 7M00F7D | 4 x 2048 |
| 778 | M04_010 | BRD_001 | | 7M00F7D | 4 x 2048 |
| 779 | M04_009 | M04_010 | | 7M00F7D | 4 x 2048 |
| 780 | M04_006 | IDJ_001 | | 7M00F7D | 4 x 2048 |
| 781 | HRT_001 | M03_002 | | 7M00F7D | 4 x 2048 |
| 782 | ALA_001 | M06_006 | | 7M00F7D | 4 x 2048 |
| 783 | M06_006 | NOY_001 | | 7M00F7D | 4 x 2048 |
| 784 | YRJ_001 | SGK_001 | | 56MOD7W | 100 |
| 785 | JRP_001 | ISA_001 | | 56MOD7W | 200 |
| 786 | KAJ_002 | KAJ_004 | | 56MOD7W | 150 |
| 787 | KAP_003 | KAP_009 | | 56MOD7W | 150 |
| 788 | LNJ_001 | M02_005 | | 56MOD7W | 150 |
| 789 | M01_005 | M01_008 | | 56MOD7W | 90 |
| 790 | M01_007 | M01_009 | | 56MOD7W | 90 |
| 791 | M03_006 | TAS_REG | | 56MOD7W | 350 |
| 792 | M05_001 | VAG_010 | | 56MOD7W | 300 |
| 793 | M07_002 | GOG_001 | | 56MOD7W | 90 |
| 794 | M09_001 | VAN_009 | | 56MOD7W | 350 |
| 795 | M10_002 | MTN_REG | | 56MOD7W | 350 |
| 796 | M11_001 | EKP_001 | | 56MOD7W | 90 |
| 797 | ACQ_001 | ORG_001 | | 56MOD7W | 100 |
| 798 | MOB_003 | KRB_001 | | 56MOD7W | 100 |
| 799 | ZAR_001 | ABO_003 | | 56MOD7W | 200 |
| 800 | MOB_012 | M10_005 | | 56MOD7W | 100 |
| 801 | MRM_001 | YER_226 | | 56MOD7W | 150 |
| 802 | MTN_REG | M11_001 | | 56MOD7W | 350 |
| 803 | MVN_002 | YER_086 | | 56MOD7W | 150 |
| 804 | NRK_001 | GMS_001 | | 56MOD7W | 100 |
| 805 | NSN_001 | SEV_001 | | 56MOD7W | 200 |
| 806 | QRG_001 | SAL_001 | | 56MOD7W | 80 |
| 807 | SIS_001 | MOB_001 | | 56MOD7W | 80 |
| 808 | SNH_REG | M06_005 | | 56MOD7W | 350 |
| 809 | TAP_001 | GNV_001 | | 56MOD7W | 150 |
| 810 | UZR_003 | UZR_002 | | 56MOD7W | 150 |
| 811 | VAG_006 | VAG_009 | | 56MOD7W | 150 |
| 812 | VAG_010 | VAG_002 | | 56MOD7W | 150 |
| 813 | VAG_010 | ATM_001 | | 56MOD7W | 150 |
| 814 | VAR_REG | TRF_001 | | 56MOD7W | 90 |
| 815 | VAR_REG | VAR_002 | | 56MOD7W | 100 |
| 816 | VAR_REG | VAR_001 | | 56MOD7W | 160 |
| 817 | VAR_REG | SHT_001 | | 56MOD7W | 200 |
| 818 | VAR_REG | KCH_001 | | 56MOD7W | 200 |
| 819 | VAR_REG | VAR_003 | | 56MOD7W | 350 |
| 820 | VAR_REG | M11_002 | | 56MOD7W | 325 |
| 821 | VBD_001 | JRV_001 | | 56MOD7W | 150 |
| 822 | VDS_001 | YHN_001 | | 56MOD7W | 150 |
| 823 | YER_001 | YER_267 | | 56MOD7W | 150 |
| 824 | YER_005 | YER_225 | | 56MOD7W | 150 |
| 825 | YER_015 | YER_279 | | 56MOD7W | 150 |
| 826 | YER_053 | YER_169 | | 56MOD7W | 150 |
| 827 | YER_070 | DAT_001 | | 56MOD7W | 150 |
| 828 | YER_086 | YER_020_1 | | 56MOD7W | 150 |
| 829 | YER_088 | YER_284 | | 56MOD7W | 150 |
| 830 | YER_143 | YER_277 | | 56MOD7W | 150 |

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|-----|-----------|---------|--|---------|-----|
| 831 | YER_187 | YER_270 | | 56MOD7W | 130 |
| 832 | YER_269 | YER_026 | | 56MOD7W | 150 |
| 833 | YER_323 | YER_141 | | 56MOD7W | 150 |
| 834 | GYU_007 | AZN_001 | | 56MOD7W | 350 |
| 835 | GYU_007 | GYU_014 | | 56MOD7W | 200 |
| 836 | ALV_001 | SHI_002 | | 56MOD7W | 350 |
| 837 | NBS_001 | DKT_001 | | 56MOD7W | 350 |
| 838 | FLT_001 | LMN_001 | | 56MOD7W | 350 |
| 839 | GYU_005 | GYU_029 | | 56MOD7W | 350 |
| 840 | VNS_001 | SSV_001 | | 56MOD7W | 350 |
| 841 | M02_022 | VRD_001 | | 56MOD7W | 350 |
| 842 | TSL_001 | HTG_001 | | 56MOD7W | 350 |
| 843 | MSK_001 | HTS_001 | | 56MOD7W | 350 |
| 844 | NRN_001 | NRN_003 | | 56MOD7W | 350 |
| 845 | NSN_001 | M10_002 | | 56MOD7W | 350 |
| 846 | HRS_MW | HRS_001 | | 56MOD7W | 350 |
| 847 | SAL_001 | HRS_MW | | 56MOD7W | 350 |
| 848 | BAL_001 | L26_002 | | 56MOD7W | 350 |
| 849 | VND_001 | TLV_001 | | 56MOD7W | 350 |
| 850 | ARM_04 | ARD_001 | | 56MOD7W | 350 |
| 851 | IDJ_003 | IDJ_008 | | 56MOD7W | 350 |
| 852 | KAP_002 | KAP_010 | | 56MOD7W | 350 |
| 853 | MGZ_001 | MGZ_002 | | 56MOD7W | 350 |
| 854 | MTN_REG | MTN_003 | | 56MOD7W | 350 |
| 855 | YER_020_1 | YER_305 | | 56MOD7W | 350 |
| 856 | YER_172 | YER_344 | | 56MOD7W | 350 |
| 857 | SUS_001 | ZRJ_001 | | 56MOD7W | 350 |
| 858 | ART_001 | ART_007 | | 56MOD7W | 350 |
| 859 | GYU_004 | GYU_030 | | 56MOD7W | 350 |
| 860 | KAP_006 | KAP_011 | | 56MOD7W | 350 |
| 861 | KTI_001 | KTI_002 | | 56MOD7W | 350 |
| 862 | AGH_01 | MOB_009 | | 56MOD7W | 350 |
| 863 | YER_083 | YER_308 | | 56MOD7W | 350 |
| 864 | YER_083 | YER_337 | | 56MOD7W | 350 |
| 865 | YER_205 | YER_338 | | 56MOD7W | 350 |
| 866 | YER_039 | YER_339 | | 56MOD7W | 350 |
| 867 | YER_031 | YER_340 | | 56MOD7W | 350 |
| 868 | ABO_005 | ABO_011 | | 56MOD7W | 350 |
| 869 | ABO_003 | ABO_012 | | 56MOD7W | 350 |
| 870 | IDJ_003 | IDJ_009 | | 56MOD7W | 350 |
| 871 | IDJ_001 | IDJ_009 | | 56MOD7W | 350 |
| 872 | GYU_007 | GYU_016 | | 56MOD7W | 350 |
| 873 | YER_020 | MSL_001 | | 56MOD7W | 350 |
| 874 | HER_001 | VDH_003 | | 56MOD7W | 350 |
| 875 | IDJ_001 | YNQ_002 | | 56MOD7W | 350 |
| 876 | M04_002 | AZK_001 | | 56MOD7W | 350 |
| 877 | KAP_009 | GGN_001 | | 56MOD7W | 350 |
| 878 | M02_016 | KHO_001 | | 56MOD7W | 350 |
| 879 | YER_084 | YER_349 | | 56MOD7W | 350 |
| 880 | YER_051 | YER_363 | | 56MOD7W | 350 |
| 881 | M06_011 | DBD_001 | | 56MOD7W | 350 |
| 882 | M12_002 | M12_006 | | 56MOD7W | 350 |
| 883 | SAS_001 | SAS_002 | | 56MOD7W | 350 |
| 884 | SEV_005 | MOB_010 | | 56MOD7W | 350 |
| 885 | YER_250 | YER_231 | | 56MOD7W | 350 |
| 886 | NOY_001 | KGB_002 | | 56MOD7W | 350 |
| 887 | LHV_MW | M02_024 | | 56MOD7W | 350 |
| 888 | LHV_MW | AGK_005 | | 56MOD7W | 350 |
| 889 | LHV_MW | VHR_001 | | 56MOD7W | 350 |
| 890 | YER_122 | YER_377 | | 56MOD7W | 350 |
| 891 | QSN_001 | TND_001 | | 56MOD7W | 350 |
| 892 | YER_010 | YER_373 | | 56MOD7W | 350 |

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|-----|---------|---------|--|---------|-----|
| 893 | NOY_002 | NOY_003 | | 56MOD7W | 350 |
| 894 | NKA_001 | AGP_001 | | 56MOD7W | 350 |
| 895 | TND_001 | TND_002 | | 56MOD7W | 350 |
| 896 | DOV_001 | KHN_001 | | 56MOD7W | 350 |
| 897 | DIL_002 | DIL_010 | | 56MOD7W | 350 |
| 898 | M06_008 | TGH_002 | | 56MOD7W | 350 |
| 899 | YER_027 | YER_387 | | 56MOD7W | 350 |
| 900 | YER_001 | YER_386 | | 56MOD7W | 350 |
| 901 | YER_248 | YER_381 | | 56MOD7W | 350 |
| 902 | GRG_001 | PUS_001 | | 56MOD7W | 350 |
| 903 | YER_065 | NUB_003 | | 56MOD7W | 350 |
| 904 | YER_256 | YER_389 | | 56MOD7W | 350 |
| 905 | AGT_003 | AGT_004 | | 56MOD7W | 350 |
| 906 | YER_169 | YER_335 | | 56MOD7W | 350 |
| 907 | YER_169 | YER_035 | | 56MOD7W | 350 |
| 908 | YER_169 | YER_394 | | 56MOD7W | 350 |
| 909 | M05_001 | ALC_001 | | 56MOD7W | 350 |
| 910 | ARM_01 | JRN_001 | | 56MOD7W | 350 |
| 911 | EGH_002 | GET_001 | | 56MOD7W | 350 |
| 912 | HTG_001 | GKT_001 | | 56MOD7W | 350 |
| 913 | AZP_001 | AZP_002 | | 56MOD7W | 350 |
| 914 | IDJ_004 | YNQ_001 | | 56MOD7W | 350 |
| 915 | YER_006 | YER_168 | | 56MOD7W | 350 |
| 916 | M12_003 | M12_004 | | 56MOD7W | 350 |
| 917 | VDH_003 | GEK_001 | | 56MOD7W | 350 |
| 918 | YER_025 | YER_388 | | 56MOD7W | 350 |
| 919 | GET_01 | HYN_001 | | 56MOD7W | 350 |
| 920 | YER_027 | YER_404 | | 56MOD7W | 350 |
| 921 | GYU_005 | GYU_008 | | 56MOD7W | 350 |
| 922 | EGH_002 | EGH_004 | | 56MOD7W | 350 |
| 923 | YER_027 | YER_393 | | 56MOD7W | 350 |
| 924 | YER_004 | YER_333 | | 56MOD7W | 350 |
| 925 | YER_032 | YER_399 | | 56MOD7W | 350 |
| 926 | YER_027 | YER_405 | | 56MOD7W | 350 |
| 927 | ARM_003 | ARM_012 | | 56MOD7W | 350 |
| 928 | ARM_004 | ARM_010 | | 56MOD7W | 350 |
| 929 | AGS_001 | KAN_001 | | 56MOD7W | 350 |
| 930 | YER_169 | YER_406 | | 56MOD7W | 350 |
| 931 | KHP_001 | AZA_001 | | 56MOD7W | 350 |
| 932 | YER_381 | YER_319 | | 56MOD7W | 350 |
| 933 | VBD_001 | MOB_007 | | 56MOD7W | 350 |
| 934 | YER_123 | YER_419 | | 56MOD7W | 350 |
| 935 | YER_010 | YER_421 | | 56MOD7W | 350 |
| 936 | SHA_001 | DST_001 | | 56MOD7W | 350 |
| 937 | YER_147 | YER_407 | | 56MOD7W | 350 |
| 938 | YER_247 | YER_426 | | 56MOD7W | 350 |
| 939 | YER_381 | YER_431 | | 56MOD7W | 350 |
| 940 | TEG_001 | MOB_005 | | 56MOD7W | 350 |
| 941 | CHK_001 | DBT_001 | | 56MOD7W | 350 |
| 942 | YER_143 | YER_418 | | 56MOD7W | 350 |

7) անտենաների տեսակը, բարձրությունը երկրի մակերևույթից, տրամագիծը, ուժեղացման գործակիցը՝

| Հ/հ | Ռադիոռելեային կապի գծի հատվածի անվանումը | | Անտենայի տեսակը | | Բարձրությունը երկրի մակերևույթից (մ) | | Անտենայի տրամագիծը (մ) | | Ուժեղացման գործակիցը (դԲ) | |
|-----|--|---------|-----------------|---------|--------------------------------------|---------|------------------------|---------|---------------------------|---------|
| | կայան 1 | կայան 2 | կայան 1 | կայան 2 | կայան 1 | կայան 2 | կայան 1 | կայան 2 | կայան 1 | կայան 2 |
| | | | | | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----|---------|---------|----------------|----------------|-------|-------|------|------|------|------|
| 1 | AGH_002 | AGH_01 | SB 1-220-PR | SB 1-220-PR | 12 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 2 | AGH_01 | AGH_REG | SB 1-220-PR | SB 1-220-PR | 15 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 3 | AGK_001 | AGK_004 | SB 1-220B | SB 1-220B | 36 | 21 | 0.3 | 0.3 | 35.6 | 35.6 |
| 4 | AJR_001 | SAL_001 | SB 1 - 142 | SB 1 - 142 | 5 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 5 | AMB_001 | ARM_03 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 6 | AMS_001 | ABO_003 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 10 | 0.6 | 0.6 | 37 | 37 |
| 7 | ANQ_001 | KCH_001 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 5 | 5 | 0.3 | 0.3 | 32.1 | 32.1 |
| 8 | ARP_001 | EGH_003 | SB 2 - 142B | SB 2 - 142B | 6 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 9 | ASH_005 | VSZ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 22 | 8 | 0.6 | 0.6 | 40.5 | 40.5 |
| 10 | CHA_004 | CHA_003 | ANT2 0.3 15 HP | ANT2 0.6 15 HP | 10 | 10 | 0.3 | 0.6 | 32.1 | 37 |
| 11 | CHM_003 | CHM_001 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 5 | 5 | 0.3 | 0.3 | 32.1 | 32.1 |
| 12 | DIL_008 | MOB_008 | SB 1-220-PR | SB 1-220-PR | 15.34 | 17.81 | 0.3 | 0.3 | 34.9 | 34.9 |
| 13 | GAV_003 | GDZ_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 14 | GAV_003 | SRH_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 15 | GDV_01 | JER_002 | SB 2-220-PR | SB 2-220-PR | 20 | 10 | 0.61 | 0.61 | 40.1 | 40.1 |
| 16 | GTN_001 | MTN_REG | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 10 | 10 | 0.6 | 0.6 | 40.5 | 40.5 |
| 17 | GTS_001 | MTN_REG | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 9 | 0.6 | 0.6 | 40.5 | 40.5 |
| 18 | HAG_002 | KAD_001 | SB 1 - 142 | SB 1 - 142 | 34.7 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 19 | HRA_REG | HRA_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 30 | 0.6 | 0.6 | 40.5 | 40.5 |
| 20 | IDJ_005 | IDJ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 9 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 21 | IDJ_005 | M04_010 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 9 | 20 | 1.2 | 1.2 | 43 | 43 |
| 22 | VST_001 | VSZ_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 23 | YER_020 | YER_291 | SB1-142 | SB1-142 | 5 | 6,15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 24 | YER_320 | YER_028 | SB1-220B | SB1-220B | 5,39 | 5 | 0,3 | 0,3 | 35,6 | 35,6 |
| 25 | GKS_001 | NBS_001 | SB 2-220-PR | SB 2-220-PR | 15 | 15 | 0.6 | 0.6 | 40 | 40 |
| 26 | YER_246 | YER_049 | SB 1-220-PR | SB 1-220-PR | 37 | 49 | 0.3 | 0.3 | 34.9 | 34.9 |
| 27 | YEG_006 | YEG_001 | ANT2 0.3 23HP | ANT2 0.3 23HP | 12 | 20 | 0.3 | 0.3 | 36,2 | 36,2 |
| 28 | GTM_001 | M04_002 | SU4-65A | SU4-65A | 5 | 34 | 1.22 | 1.22 | 36 | 36 |
| 29 | NZM_001 | ZRK_001 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 30 | BZB_004 | M01_004 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 31 | YER_293 | YER_086 | SB 1 - 142 | SB 1 - 142 | 5.96 | 6.11 | 0.3 | 0.3 | 31.1 | 31.1 |
| 32 | SPN_001 | ZRK_001 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 33 | MLK_002 | MLK_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 34 | TAS_002 | TAS_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 21 | 0.6 | 0.6 | 37 | 37 |
| 35 | AMR_001 | LEJ_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 10 | 0.6 | 0.6 | 37 | 37 |
| 36 | YER_303 | YER_013 | SB 2 - 142B | SB 2 - 142B | 33 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 37 | AZK_002 | AZK_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5.32 | 0.6 | 0.6 | 37 | 37 |
| 38 | YER_301 | YER_135 | SB 2 - 142B | SB 2 - 142B | 5 | 8.46 | 0.61 | 0.61 | 37.3 | 37.3 |
| 39 | THS_001 | GAV_003 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 40 | HRA_014 | HRA_009 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 3 | 33 | 0.6 | 0.6 | 40.5 | 40.5 |
| 41 | YER_307 | YER_095 | SB 2-220-PR | SB 2-220-PR | 14 | 20 | 0.61 | 0.61 | 40.1 | 40.1 |
| 42 | YER_304 | YER_044 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 43 | ART_006 | VOS_001 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 44 | U21_014 | YER_032 | SB 2 - 142B | SB 2 - 142B | 18.99 | 8.87 | 0.61 | 0.61 | 37.3 | 37.3 |
| 45 | YER_297 | YER_010 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 46 | U21_005 | YER_001 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 47 | BVR_001 | SRG_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 4.57 | 9 | 0.6 | 0.6 | 37 | 37 |
| 48 | BZM_001 | VAN_009 | ANT2 0.9 23 HP | ANT2 0.9 23 HP | 1.52 | 25 | 0.9 | 0.9 | 44.7 | 44.7 |
| 49 | GTN_002 | GTS_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 4.57 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 50 | HRA_013 | HRA_005 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 8.53 | 14.94 | 0.6 | 0.6 | 37 | 37 |
| 51 | ABO_008 | ABO_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 52 | BRN_002 | BRN_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7.62 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 53 | VDK_002 | M11_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 4.57 | 15 | 0.6 | 0.6 | 37 | 37 |
| 54 | NOY_002 | NOY_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 55 | AKR_001 | M06_006 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 1.52 | 25 | 0.6 | 0.6 | 37 | 37 |
| 56 | HRG_001 | SRL_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 2.13 | 11.28 | 0.6 | 0.6 | 37 | 37 |
| 57 | ZOL_002 | ZOL_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 10 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 58 | BRQ_001 | GEG_01 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 15 | 15 | 0.6 | 0.6 | 37 | 37 |
| 59 | BAY_001 | GTQ_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 15 | 20 | 0.6 | 0.6 | 37 | 37 |
| 60 | SHN_001 | GSH_001 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 61 | NAL_002 | NAL_001 | SB 1 - 142 | SB 1 - 142 | 5 | 5.5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 62 | DAL_001 | LRG_001 | SB 1 - 142 | SB 1 - 142 | 10 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |

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|-----|---------|---------|----------------|----------------|----|----|------|------|------|------|
| 63 | EGP_001 | QCH_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 15 | 0.6 | 0.6 | 37 | 37 |
| 64 | JBI_001 | JRT_001 | SB 1 - 142 | SB 1 - 142 | 10 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 65 | VAG_010 | VAG_004 | SB 1-220-PR | SB 1-220-PR | 15 | 19 | 0.3 | 0.3 | 34.9 | 34.9 |
| 66 | LUK_001 | KNJ_001 | SB 1 - 142 | SB 1 - 142 | 15 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 67 | DZG_001 | CHQ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 68 | GTP_001 | APM_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 69 | BDK_001 | ARA_04 | SB 1 - 142 | SB 1 - 142 | 15 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 70 | AJG_001 | ARM_01 | SB 1 - 142 | SB 1 - 142 | 20 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 71 | DGS_001 | SHA_001 | SB 1 - 142 | SB 1 - 142 | 10 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 72 | SNK_001 | QAR_001 | SB 2 - 142B | SB 2 - 142B | 10 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 73 | YRJ_001 | APN_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 15 | 15 | 0.6 | 0.6 | 37 | 37 |
| 74 | ARI_001 | APN_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 15 | 0.6 | 0.6 | 37 | 37 |
| 75 | ATP_005 | ATP_001 | SB 1 - 142 | SB 1 - 142 | 10 | 30 | 0.3 | 0.3 | 31.1 | 31.1 |
| 76 | ARZ_002 | NOR_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 27 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 77 | YER_271 | YER_012 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 78 | LRT_001 | AGA_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 12 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 79 | GAV_006 | GAV_003 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 15 | 15 | 0.3 | 0.3 | 36.2 | 36.2 |
| 80 | JVN_001 | JJR_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 81 | SPI_005 | SPI_002 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 8 | 16 | 0.3 | 0.3 | 36.2 | 36.2 |
| 82 | KSB_001 | ALP_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 83 | THN_001 | AZK_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 84 | DSG_002 | M06_003 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 85 | GTZ_001 | ARV_001 | SB 2 - 142B | SB 2 - 142B | 20 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 86 | ABO_009 | ABO_008 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 13 | 7 | 0.6 | 0.6 | 40.5 | 40.5 |
| 87 | GGR_001 | HVN_001 | SB 1 - 142 | SB 1 - 142 | 15 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 88 | GHN_001 | PNK_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 5 | 0.6 | 0.6 | 37 | 37 |
| 89 | YAG_001 | GUL_01 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 10 | 0.6 | 0.6 | 40.5 | 40.5 |
| 90 | LCK_001 | SPI_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 7 | 20 | 0.6 | 0.6 | 37 | 37 |
| 91 | PMZ_001 | GYU_03 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 22 | 0.6 | 0.6 | 40.5 | 40.5 |
| 92 | NRQ_001 | HOR_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 25 | 0.6 | 0.6 | 37 | 37 |
| 93 | AGQ_002 | GUL_01 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 10 | 10 | 0.6 | 0.6 | 40.5 | 40.5 |
| 94 | MGH_001 | KUR_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 11 | 8 | 0.6 | 0.6 | 40.5 | 40.5 |
| 95 | GLZ_001 | EGH_003 | SB 1 - 142 | SB 1 - 142 | 5 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 96 | LEJ_001 | GUL_01 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 10 | 0.6 | 0.6 | 37 | 37 |
| 97 | TUM_001 | M06_004 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 98 | DVN_002 | DVN_001 | SB 2 - 142B | SB 2 - 142B | 11 | 32 | 0.61 | 0.61 | 37.3 | 37.3 |
| 99 | BDV_002 | ZRN_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 13 | 15 | 0.6 | 0.6 | 37 | 37 |
| 100 | LRG_002 | LRG_001 | SB 1 - 142 | SB 1 - 142 | 10 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 101 | DVN_003 | DVN_001 | SB 1 - 142 | SB 1 - 142 | 5 | 32 | 0.3 | 0.3 | 31.1 | 31.1 |
| 102 | GYU_028 | GYU_009 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 103 | YSH_001 | M02_003 | SB 2 - 142B | SB 1 - 142 | 15 | 20 | 0.61 | 0.3 | 37.3 | 31.1 |
| 104 | YER_275 | YER_020 | SB 1 - 142 | SB 1 - 142 | 5 | 30 | 0.3 | 0.3 | 31.1 | 31.1 |
| 105 | GVT_002 | GVT_001 | ANT2 0.3 13 HP | ANT2 0.3 13 HP | 20 | 20 | 0.3 | 0.3 | 31.6 | 31.6 |
| 106 | MYS_001 | MTM_001 | SB 2-220-PR | SB 2-220-PR | 18 | 35 | 0.61 | 0.61 | 40.1 | 40.1 |
| 107 | KYU_001 | MRM_001 | SB 1-220-PR | SB 1-220-PR | 15 | 16 | 0.3 | 0.3 | 34.9 | 34.9 |
| 108 | KRN_001 | TEG_001 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 109 | VGR_001 | KHT_001 | SB 2 - 142B | SB 1 - 142 | 15 | 6 | 0.61 | 0.3 | 37.3 | 31.1 |
| 110 | SMR_001 | M01_003 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 15 | 20 | 0.3 | 0.3 | 36.2 | 36.2 |
| 111 | GRN_002 | GRN_001 | SB 1 - 142 | SB 2 - 142B | 10 | 20 | 0.3 | 0.61 | 31.1 | 37.3 |
| 112 | NVN_001 | VGT_001 | SB 2 - 142B | SB 1 - 142 | 10 | 20 | 0.61 | 0.3 | 37.3 | 31.1 |
| 113 | LEN_001 | HKT_001 | SB 2 - 142B | SB 2 - 142B | 12 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 114 | UZR_002 | VED_MW | SB 2 - 142B | SB 4-142B | 8 | 15 | 0.61 | 1.22 | 37.3 | 42.5 |
| 115 | SYS_001 | MAS_004 | SB 1-220-PR | SB 1-220-PR | 25 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 116 | ZGK_001 | VDT_001 | SB 1-220-PR | SB 1-220-PR | 15 | 13 | 0.3 | 0.3 | 34.9 | 34.9 |
| 117 | HOV_002 | HOV_001 | SB 1-220-PR | SB 1-220-PR | 13 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 118 | QAR_002 | QAR_001 | SB 1-142-PR | SB 1-142-PR | 15 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 119 | ALS_001 | MGT_001 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 120 | ARB_001 | KHP_001 | SB 1-220-PR | SB 1-220-PR | 15 | 22 | 0.3 | 0.3 | 34.9 | 34.9 |
| 121 | VAG_008 | VAG_004 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 122 | ERV_001 | BAG_001 | SB 1-220-PR | SB 1-220-PR | 14 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 123 | MTR_001 | JRT_001 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 124 | ATP_004 | ATP_001 | SB 1-220-PR | SB 1-220-PR | 14 | 30 | 0.3 | 0.3 | 34.9 | 34.9 |
| 125 | MGR_001 | VDS_001 | SB 1-142-PR | SB 1-142-PR | 17 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |

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|-----|---------|---------|----------------|----------------|----|------|------|------|------|------|
| 126 | ATG_001 | NAL_001 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 127 | AQN_001 | HVS_001 | SB 1-220-PR | SB 1-220-PR | 15 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 128 | MGT_002 | MGT_001 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 129 | ASV_001 | APN_001 | 0322067SC15_R1 | 0322067SC15_R1 | 7 | 20 | 0.3 | 0.3 | 32.1 | 32.1 |
| 130 | SHP_001 | LJN_001 | SB 1-142-PR | SB 1-142-PR | 6 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 131 | LSH_001 | LJN_001 | SB 1-220-PR | SB 1-220-PR | 15 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 132 | MZV_001 | AGH_01 | SB 2-142-PR | SB 2-142-PR | 7 | 10 | 0.61 | 0.61 | 37.3 | 37.3 |
| 133 | DDM_001 | M10_005 | 0622043SC15_R2 | 0622043SC15_R2 | 14 | 26 | 0.6 | 0.6 | 37 | 37 |
| 134 | TVG_001 | SEV_004 | 0622045SC15_R2 | 0622045SC15_R2 | 21 | 35 | 0.6 | 0.6 | 40.5 | 40.5 |
| 135 | GTS_002 | MTN_REG | 0322069SC15_R1 | 0322069SC15_R1 | 8 | 7 | 0.3 | 0.3 | 36.2 | 36.2 |
| 136 | AMT_001 | EGT_001 | 0622043SC15_R2 | 0622043SC15_R2 | 10 | 15 | 0.6 | 0.6 | 37 | 37 |
| 137 | MAS_007 | MAS_005 | SB 1-220-PR | SB 1-220-PR | 20 | 23 | 0.3 | 0.3 | 34.9 | 34.9 |
| 138 | GKK_001 | LJP_001 | 0322069SC15_R1 | 0322069SC15_R1 | 7 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 139 | KCT_001 | ODZ_001 | 0622043SC15_R2 | 0622043SC15_R2 | 7 | 15 | 0.6 | 0.6 | 37 | 37 |
| 140 | KHB_001 | M11_002 | 0622045SC15_R2 | 0622045SC15_R2 | 20 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 141 | NSZ_001 | ARQ_001 | 0322069SC15_R1 | 0322069SC15_R1 | 5 | 20 | 0.3 | 0.3 | 36.2 | 36.2 |
| 142 | HRJ_001 | HLD_001 | SB 1-142-PR | SB 2-142-PR | 15 | 20 | 0.3 | 0.61 | 31.1 | 37.3 |
| 143 | MEG_003 | MEG_001 | SB 1-220-PR | SB 1-220-PR | 6 | 48 | 0.3 | 0.3 | 34.9 | 34.9 |
| 144 | TNH_001 | AVI_001 | SB 1-142-PR | SB 1-142-PR | 7 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 145 | GNS_001 | NRV_001 | SB 2-142-PR | SB 2-142-PR | 8 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 146 | BNS_001 | AKL_001 | SB 1-220-PR | SB 1-220-PR | 7 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 147 | LRO_001 | DBS_001 | SB 1-142-PR | SB 1-142-PR | 7 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 148 | DVB_001 | M02_020 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 149 | DMR_001 | SYQ_001 | SB 1-220-PR | SB 1-220-PR | 6 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 150 | YER_233 | YER_102 | SB 1-220-PR | SB 1-220-PR | 17 | 48 | 0.3 | 0.3 | 34.9 | 34.9 |
| 151 | NGV_001 | M03_003 | 0322067SC15_R1 | 0322067SC15_R1 | 15 | 20 | 0.3 | 0.3 | 32.1 | 32.1 |
| 152 | YER_235 | MVN_002 | SB 1-220-PR | SB 1-220-PR | 33 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 153 | YER_234 | YER_219 | SB 1-220-PR | SB 1-220-PR | 18 | 14 | 0.3 | 0.3 | 34.9 | 34.9 |
| 154 | HRN_001 | M02_017 | SB 1-220-PR | SB 1-220-PR | 17 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 155 | SHQ_001 | SIS_001 | SB 1-220-PR | SB 1-220-PR | 7 | 7 | 0.3 | 0.3 | 34.9 | 34.9 |
| 156 | QRN_001 | KHD_001 | SB 1-220-PR | SB 1-220-PR | 15 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 157 | KHD_002 | KHD_001 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 158 | M02_011 | M02_010 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 159 | NSH_001 | ARA_04 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 160 | TEG_002 | TEG_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 161 | SHK_001 | YGD_001 | SB 2-142-PR | SB 2-142-PR | 15 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 162 | BAL_003 | BAL_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 18 | 30 | 0.6 | 0.6 | 40.5 | 40.5 |
| 163 | GBJ_001 | GYU_016 | SB 1-220-PR | SB 1-220-PR | 5 | 10 | 0.3 | 0.3 | 34.9 | 34.9 |
| 164 | DZV_001 | DPB_001 | SB 1 - 142 | SB 2 - 142B | 25 | 7 | 0.3 | 0.61 | 31.1 | 37.3 |
| 165 | DZV_001 | AMJ_001 | SB 1 - 142 | SB 1 - 142 | 25 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 166 | ARM_03 | LMZ_001 | SB 1 - 142-PR | SB 1 - 142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 167 | KMO_001 | JJR_001 | SB 1 - 142 | SB 2 - 142B | 12 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 168 | IDJ_001 | SVQ_001 | SB 2 - 142B | SB 3-142B | 34 | 10 | 0.61 | 0.91 | 37.3 | 40.4 |
| 169 | HRA_004 | HRA_012 | SB 1 - 142 | SB 2 - 142B | 5 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 170 | ODZ_002 | ODZ_001 | SB 1 - 142 | SB 1 - 142 | 15 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 171 | MSH_001 | GYB_001 | SB 1 - 142 | SB 2 - 142B | 5 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 172 | API_001 | GYU_014 | SB 1 - 142 | SB 1 - 142 | 20 | 7 | 0.3 | 0.3 | 31.1 | 31.1 |
| 173 | ZOL_001 | ADR_001 | SB 1-220-PR | SB 1-220-PR | 15 | 7 | 0.3 | 0.3 | 34.9 | 34.9 |
| 174 | M04_007 | IDJ_007 | SB 1 - 142 | SB 2 - 142B | 5 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 175 | GOS_001 | GOS_002 | SB 1 - 142 | SB 2 - 142B | 15 | 15 | 0.3 | 0.61 | 31.1 | 37.3 |
| 176 | GDR_001 | HNB_001 | SB 1 - 142 | SB 2 - 142B | 15 | 7 | 0.3 | 0.61 | 31.1 | 37.3 |
| 177 | SPI_003 | LVN_001 | SB 1 - 142 | SB 1 - 142 | 20 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 178 | ATI_001 | SCH_001 | SB 1 - 142 | SB 2 - 142B | 5 | 7 | 0.3 | 0.61 | 31.1 | 37.3 |
| 179 | EDS_001 | NAM_001 | SB 1 - 142 | SB 2 - 142B | 35 | 4 | 0.3 | 0.61 | 31.1 | 37.3 |
| 180 | SEV_004 | TVG_002 | SB 2 - 142B | SB 2 - 142B | 25 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 181 | M10_005 | VRS_001 | SB 1 - 142 | SB 1 - 142 | 40 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 182 | AKH_001 | AKH_002 | SB 1-220-PR | SB 1-220-PR | 10 | 50 | 0.3 | 0.3 | 34.9 | 34.9 |
| 183 | YER_232 | YER_125 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 184 | VAY_002 | VAY_001 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 185 | VHT_001 | YER_074 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 186 | MEG_004 | MEG_002 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 187 | SEV_006 | SEV_001 | SB 1 - 142 | SB 1 - 142 | 5 | 8.13 | 0.3 | 0.3 | 31.1 | 31.1 |
| 188 | M06_010 | BGT_001 | SB 1 - 142 | SB 1 - 142 | 15 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |

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|-----|---------|---------|-------------|-------------|----|----|------|------|------|------|
| 189 | ACH_001 | DTV_001 | SB 1-220-PR | SB 1-220-PR | 22 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 190 | AES_001 | M05_001 | SB 1 - 142 | SB 1 - 142 | 12 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 191 | AET_001 | VAZ_001 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 192 | AGK_003 | AGK_002 | SU 4 - 142 | SB 2 - 142B | 10 | 28 | 1.22 | 0.61 | 42.5 | 37.3 |
| 193 | AGL_001 | ASH_002 | SB 2 - 142B | SU 4 - 142 | 15 | 15 | 0.61 | 1.22 | 37.3 | 42.5 |
| | AJB_001 | PAY_MW | SU 4 - 142 | SB 2 - 142B | 15 | 15 | 1.22 | 0.61 | 42.5 | 37.3 |
| 194 | PAY_MW | GGI_001 | SB 2 - 142B | SB 2 - 142B | 25 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 195 | AKN_001 | KAT_001 | SB 1 - 142 | SB 1 - 142 | 25 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 196 | ALZ_001 | VNS_001 | SB 1 - 142 | SB 1 - 142 | 25 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 197 | AMA_002 | AMA_001 | SU 4 - 142 | SB 2 - 142B | 20 | 20 | 1.22 | 0.61 | 42.5 | 37.3 |
| 198 | APN_001 | HRT_001 | SB 1 - 142 | SB 1 - 142 | 25 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 199 | ARA_002 | ARA_001 | SB 2-220-PR | SB 2-220-PR | 25 | 25 | 0.61 | 0.61 | 40.1 | 40.1 |
| 200 | ARG_001 | HRT_001 | SB 1 - 142 | SB 1 - 142 | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 201 | ARM_03 | AYS_001 | SB 2 - 142B | SB 2 - 142B | 12 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 202 | ARV_001 | GRN_001 | SB 2 - 142B | SB 2 - 142B | 16 | 42 | 0.61 | 0.61 | 37.3 | 37.3 |
| 203 | ASH_006 | M01_001 | SB 1 - 142 | SB 1 - 142 | 20 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 204 | ATP_002 | ATP_001 | SB 1 - 142 | SB 2 - 142B | 5 | 20 | 0.3 | 0.61 | 31.1 | 37.3 |
| 205 | AVA_001 | M01_002 | SB 2 - 142B | SB 2 - 142B | 5 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 206 | AVI_001 | TSK_001 | SB 2 - 142B | SB 2 - 142B | 10 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 207 | BDN_001 | SRS_001 | SB 1 - 142 | SB 1 - 142 | 25 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 208 | BUJ_001 | BUJ_002 | SB 1 - 142 | SB 1 - 142 | 25 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 209 | CTN_001 | AVB_002 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 210 | DBS_001 | SNT_001 | SB 2-220-PR | SB 1-220-PR | 43 | 14 | 0.61 | 0.3 | 40.1 | 34.9 |
| 211 | EGH_003 | MAL_001 | SB 1 - 142 | SB 1 - 142 | 20 | 17 | 0.3 | 0.3 | 31.1 | 31.1 |
| 212 | EGN_001 | ZTK_001 | SB 2 - 142B | SB 2 - 142B | 5 | 30 | 0.61 | 0.61 | 37.3 | 37.3 |
| 213 | GAV_004 | NTS_001 | SB 2 - 142B | SB 2 - 142B | 5 | 35 | 0.61 | 0.61 | 37.3 | 37.3 |
| 214 | GDR_001 | GEG_01 | SB 2 - 142B | SB 2 - 142B | 22 | 22 | 0.61 | 0.61 | 37.3 | 37.3 |
| 215 | GET_01 | KHP_001 | SB 1 - 142 | SB 1 - 142 | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 216 | GET_01 | ZRK_001 | SB 1-220-PR | SB 1-220-PR | 25 | 13 | 0.3 | 0.3 | 34.9 | 34.9 |
| 217 | GET_01 | AVT_001 | SB 1 - 142 | SB 1 - 142 | 15 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 218 | GOT_001 | GGD_002 | SB 1 - 142 | SB 1 - 142 | 20 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 219 | GRB_001 | ARM_02 | SB2-142B | SB 2 - 142B | 10 | 14 | 0.61 | 0.61 | 37.3 | 37.3 |
| 220 | GTM_001 | KPT_001 | SB 2 - 142B | SB 2 - 142B | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 221 | GYB_001 | JRD_001 | SB 1 - 142 | SB 1 - 142 | 30 | 30 | 0.3 | 0.3 | 31.1 | 31.1 |
| 222 | GYU_001 | GYU_018 | SB 1-220-PR | SB 1-220-PR | 20 | 16 | 0.3 | 0.3 | 34.9 | 34.9 |
| 223 | GYU_009 | GYU_020 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 224 | GYU_017 | GYU_001 | SB 1-220-PR | SB 1-220-PR | 21 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 225 | GYU_024 | GYU_013 | SB 1-220-PR | SB 1-220-PR | 25 | 13 | 0.3 | 0.3 | 34.9 | 34.9 |
| 226 | GYU_026 | GYU_010 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 227 | GYU_02 | MAN_001 | SB 2-220-PR | SB 2-220-PR | 8 | 10 | 0.61 | 0.61 | 40.1 | 40.1 |
| 228 | GYU_03 | ATK_001 | SB 1-220-PR | SB 1-220-PR | 22 | 27 | 0.3 | 0.3 | 34.9 | 34.9 |
| 229 | HAI_001 | BVN_001 | SB 1 - 142 | SB 1 - 142 | 33 | 33 | 0.3 | 0.3 | 31.1 | 31.1 |
| 230 | HAY_001 | GAY_001 | SB 1 - 142 | SB 2 - 142B | 20 | 15 | 0.3 | 0.61 | 31.1 | 37.3 |
| 231 | HER_001 | VDH_001 | SB 2 - 142B | SB 2 - 142B | 20 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 232 | HGK_001 | TSG_001 | SB 1 - 142 | SB 1 - 142 | 5 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 233 | HLV_MW | HLV_001 | SU 4 - 142 | SU 4 - 142 | 4 | 5 | 1.22 | 1.22 | 42.5 | 42.5 |
| | HLV_MW | LNP_001 | SU 4 - 142 | SU 4 - 142 | 4 | 5 | 1.22 | 1.22 | 42.5 | 42.5 |
| 234 | HRA_004 | HRA_007 | SB 2 - 142B | SB 2 - 142B | 10 | 8 | 0.61 | 0.61 | 37.3 | 37.3 |
| 235 | HRA_010 | HRA_005 | SB 1-220-PR | SB 1-220-PR | 12 | 32 | 0.3 | 0.3 | 34.9 | 34.9 |
| 236 | HTC_001 | M07_003 | SB 2 - 142B | SU 4 - 142 | 5 | 25 | 0.61 | 1.22 | 37.3 | 42.5 |
| 237 | HTG_001 | HVT_001 | SB 1 - 142 | SB 1 - 142 | 20 | 22 | 0.3 | 0.3 | 31.1 | 31.1 |
| 238 | HTG_001 | VAG_004 | SB 2 - 142B | SB 2 - 142B | 25 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 239 | HVS_001 | JRH_001 | SB 1 - 142 | SB 1 - 142 | 30 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 240 | HVS_001 | ART_001 | SU 4 - 142 | SB 2 - 142B | 30 | 35 | 1.22 | 0.61 | 42.5 | 37.3 |
| 241 | HVS_001 | JRS_001 | SB 1-220-PR | SB 2-220-PR | 25 | 15 | 0.3 | 0.61 | 34.9 | 40.1 |
| 242 | HVS_001 | ARA_04 | SB 2 - 142B | SB 2 - 142B | 30 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 243 | IDJ_002 | IDJ_004 | SB 1-220-PR | SB 1-220-PR | 31 | 35 | 0.3 | 0.3 | 34.9 | 34.9 |
| 244 | IDJ_002 | IDJ_003 | SB 1 - 142 | SB 1 - 142 | 31 | 29 | 0.3 | 0.3 | 31.1 | 31.1 |
| 245 | ISA_001 | SKV_001 | SB 1 - 142 | SB 2 - 142B | 30 | 25 | 0.3 | 0.61 | 31.1 | 37.3 |
| 246 | JRB_001 | M04_002 | SB 2 - 142B | SB 2 - 142B | 5 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 247 | JRT_001 | AQS_001 | SB 1 - 142 | SB 1 - 142 | 20 | 17 | 0.3 | 0.3 | 31.1 | 31.1 |
| 248 | KAP_002 | KAP_003 | SB 2 - 142B | SB 2 - 142B | 10 | 24 | 0.61 | 0.61 | 37.3 | 37.3 |
| 249 | KAP_003 | KAP_001 | SB 2-220-PR | SB 1-220-PR | 24 | 35 | 0.61 | 0.3 | 40.1 | 34.9 |

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|-----|---------|---------|----------------|----------------|----|----|------|------|------|------|
| 250 | KCH_001 | ARQ_001 | SB 2 - 142B | SB 2 - 142B | 15 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 251 | KGB_001 | BDV_001 | SB 1 - 142 | SB 2 - 142B | 5 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 252 | KGT_001 | YGD_001 | SB 1 - 142 | SB 1 - 142 | 15 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 253 | KNJ_001 | ARM_003 | SB 1 - 142 | SB 2 - 142B | 10 | 30 | 0.3 | 0.61 | 31.1 | 37.3 |
| 254 | KQV_001 | M01_003 | SB 1 - 142 | SB 1 - 142 | 5 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 255 | KSH_001 | M01_002 | SB 2-220-PR | SB 2-220-PR | 20 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 256 | LCN_001 | SEV_002 | SB 2 - 142B | SB 2 - 142B | 10 | 33 | 0.61 | 0.61 | 37.3 | 37.3 |
| 257 | LUS_001 | PVD_001 | SB 1 - 142 | SB 1 - 142 | 5 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 258 | M01_004 | BZB_002 | SB 2 - 142B | SB 2 - 142B | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 259 | M01_007 | GYU_03 | SB 2 - 142B | SB 2 - 142B | 15 | 23 | 0.61 | 0.61 | 37.3 | 37.3 |
| 260 | M02_001 | ARV_001 | SB 2 - 142B | SB 2 - 142B | 25 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 261 | M02_001 | LAN_001 | SB 2 - 142B | SB 2 - 142B | 25 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 262 | M02_005 | VDT_001 | SB 1 - 142 | SB 2 - 142B | 23 | 13 | 0.3 | 0.61 | 31.1 | 37.3 |
| 263 | M03_001 | APN_001 | SB 2 - 142B | SU 6 - 142A | 25 | 20 | 0.61 | 1.83 | 37.3 | 46 |
| 264 | M03_005 | SNK_MW | SB 2 - 142B | SU 6 - 142A | 10 | 20 | 0.61 | 1.83 | 37.3 | 46 |
| 265 | M04_002 | FAN_001 | SB 1 - 142 | SB 1 - 142 | 35 | 6 | 0.3 | 0.3 | 31.1 | 31.1 |
| 266 | M04_008 | SGH_001 | SB 1 - 142 | SB 1 - 142 | 25 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 267 | M04_010 | PRQ_001 | SB 2 - 142B | SB 2 - 142B | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 268 | M06_002 | EGT_001 | SB 1 - 142 | SB 1 - 142 | 25 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 269 | M06_003 | AYT_001 | SB 2-220-PR | SB 2-220-PR | 15 | 15 | 0.61 | 0.61 | 40.1 | 40.1 |
| 270 | M06_008 | CHO_001 | SB 2 - 142B | SB 2 - 142B | 25 | 19 | 0.61 | 0.61 | 37.3 | 37.3 |
| 271 | M07_001 | VAN_009 | SB 2 - 142B | SB 2 - 142B | 25 | 10 | 0.61 | 0.61 | 37.3 | 37.3 |
| 272 | M09_001 | GRG_001 | SB 2 - 142B | SB 2 - 142B | 42 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 273 | MAS_004 | NRM_001 | SB 1 - 142 | SB 1 - 142 | 25 | 32 | 0.3 | 0.3 | 31.1 | 31.1 |
| 274 | MTM_002 | MTM_001 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 275 | MRG_001 | PTG_001 | SB 2-220-PR | SB 2-220-PR | 25 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 276 | MRN_001 | MAY_001 | SB 1 - 142 | SB 1 - 142 | 15 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 277 | MVN_001 | YER_086 | WTG06-212D | WTG06-212D | 20 | 44 | 0.6 | 0.6 | 40.4 | 40.4 |
| 278 | NRA_001 | HKT_001 | SB 2 - 142B | SB 2 - 142B | 17 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 279 | NRM_001 | HVS_001 | SB 1-220-PR | SB 2-220-PR | 20 | 30 | 0.3 | 0.61 | 34.9 | 40.1 |
| 280 | NSN_001 | M10_001 | SB 1-220-PR | SB 1-220-PR | 20 | 10 | 0.3 | 0.3 | 34.9 | 34.9 |
| 281 | ORG_001 | BRN_001 | SB 2 - 142B | SB 2 - 142B | 25 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 282 | SAS_001 | ASH_001 | SB 1 - 142 | SB 2 - 142B | 16 | 34 | 0.3 | 0.61 | 31.1 | 37.3 |
| 283 | SEV_003 | SEV_005 | SB 2 - 142B | SB 2 - 142B | 33 | 13 | 0.61 | 0.61 | 37.3 | 37.3 |
| 284 | SNK_MW | M03_004 | SB 2 - 142B | SB 2 - 142B | 0 | 0 | 0.61 | 0.61 | 37.3 | 37.3 |
| 285 | SNK_MW | QCH_001 | SU 6 - 142A | SB 2 - 142B | 20 | 15 | 1.83 | 0.61 | 46 | 37.3 |
| 286 | SPI_001 | SPI_004 | SB 1 - 142 | SB 1 - 142 | 20 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 287 | SRL_001 | KTJ_001 | SB 2 - 142B | SB 2 - 142B | 10 | 7 | 0.61 | 0.61 | 37.3 | 37.3 |
| 288 | SRN_001 | SRN_PSR | SB 2 - 142B | SB 2 - 142B | 12 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| | TRG_MW | SRN_PSR | SB 2 - 142B | SB 2 - 142B | 12 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 289 | STE_002 | STE_001 | SB 2-220-PR | SB 2-220-PR | 25 | 25 | 0.61 | 0.61 | 40.1 | 40.1 |
| 290 | STE_002 | GUL_01 | SB 2 - 142B | SB 2 - 142B | 20 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 291 | SUS_001 | DZQ_001 | SB 2 - 142B | SB 2 - 142B | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 292 | TAP_001 | PVD_001 | SB 1 - 142 | SB 1 - 142 | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 293 | TKB_001 | SRL_001 | SB 2 - 142B | SB 2 - 142B | 5 | 10 | 0.61 | 0.61 | 37.3 | 37.3 |
| 294 | TNL_003 | M09_001 | SB 1-220-PR | SB 1-220-PR | 5 | 42 | 0.3 | 0.3 | 34.9 | 34.9 |
| 295 | TNL_MW | TNL_002 | SB 2 - 142B | SB 2 - 142B | 8 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| | M04_004 | TNL_MW | SU 4 - 142 | SB 2 - 142B | 40 | 8 | 1.22 | 0.61 | 42.5 | 37.3 |
| 296 | TSH_001 | TSH_MW | SU 4 - 142 | SU 6 - 142A | 0 | 5 | 1.22 | 1.83 | 42.5 | 46 |
| | TSH_MW | M06_006 | SU 4 - 142 | SU 6 - 142A | 0 | 5 | 1.22 | 1.83 | 42.5 | 46 |
| 297 | TSN_001 | M04_010 | SB 1 - 142 | SB 1 - 142 | 30 | 37 | 0.3 | 0.3 | 31.1 | 31.1 |
| 298 | TTV_001 | HLD_001 | SB 1 - 142 | SB 1 - 142 | 5 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 299 | TZG_001 | GTN_001 | SB 2 - 142B | SB 2 - 142B | 15 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 300 | URS_001 | M03_006 | SB 2 - 142B | SB 2 - 142B | 16 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 301 | VAG_005 | VAG_007 | SB 1 - 142 | SB 1 - 142 | 20 | 17 | 0.3 | 0.3 | 31.1 | 31.1 |
| 302 | VAR_004 | VAR_001 | SB 1 - 142 | SB 1 - 142 | 25 | 19 | 0.3 | 0.3 | 31.1 | 31.1 |
| 303 | VED_002 | VED_001 | SB 1 - 142 | SB 1 - 142 | 21 | 23 | 0.3 | 0.3 | 31.1 | 31.1 |
| 304 | VRD_002 | M02_024 | SB 1-220-PR | SB 2-220-PR | 5 | 20 | 0.3 | 0.61 | 34.9 | 40.1 |
| 305 | YER_012 | YER_153 | WTG03-212D | WTG03-212D | 15 | 48 | 0.3 | 0.3 | 34.3 | 34.3 |
| 306 | YER_015 | YER_085 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 63 | 23 | 0.3 | 0.3 | 36.2 | 36.2 |
| 307 | YER_020 | YER_086 | SB 2-220-PR | SB 2-220-PR | 30 | 44 | 0.61 | 0.61 | 40.1 | 40.1 |
| 308 | YER_031 | YER_167 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 32 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 309 | YER_118 | YER_041 | WTG03-212D | WTG03-212D | 30 | 30 | 0.3 | 0.3 | 34.3 | 34.3 |

| | | | | | | | | | | |
|-----|---------|---------|----------------|----------------|----|-----|------|------|------|------|
| 310 | YER_164 | YER_008 | SB 1-220-PR | SB 1-220-PR | 10 | 45 | 0.3 | 0.3 | 34.9 | 34.9 |
| 311 | YER_171 | YER_022 | SB 1-220-PR | SB 1-220-PR | 29 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 312 | YER_197 | YER_056 | SB 1-220-PR | SB 1-220-PR | 31 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 313 | ZRK_001 | DKT_001 | SB 1-220-PR | SB 1-220-PR | 25 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 314 | ZRK_001 | HVS_001 | SB 2 - 142B | SU 4 - 142 | 25 | 30 | 0.61 | 1.22 | 37.3 | 42.5 |
| 315 | M02_005 | AGH_01 | SU 6 - 142A | SU 4 - 142 | 22 | 10 | 1.83 | 1.22 | 46 | 42.5 |
| 316 | M07_003 | M07_002 | SB 2 - 142B | SB 2 - 142B | 10 | 24 | 0.61 | 0.61 | 37.3 | 37.3 |
| 317 | SPL_001 | M07_001 | SB 2 - 142B | SB 2 - 142B | 52 | 6 | 0.61 | 0.61 | 37.3 | 37.3 |
| 318 | M03_003 | APA_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 319 | ASH_001 | ERZ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 34 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 320 | GYU_026 | GYU_011 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 22 | 0.6 | 0.6 | 40.5 | 40.5 |
| 321 | GYU_027 | GYU_009 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 25 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 322 | GYU_01 | HOR_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 25 | 0.6 | 0.6 | 40.5 | 40.5 |
| 323 | HRA_003 | HRA_011 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 12 | 0.6 | 0.6 | 40.5 | 40.5 |
| 324 | IDJ_005 | BRD_001 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 7 | 20 | 1.2 | 1.2 | 43 | 43 |
| 325 | JER_002 | JER_004 | SB 2-220-PR | SB 1-220-PR | 10 | 33 | 0.61 | 0.3 | 40.1 | 34.9 |
| 326 | KAR_001 | MUS_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 7 | 25 | 0.6 | 0.6 | 37 | 37 |
| 327 | GTV_001 | KHS_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 7 | 0.6 | 0.6 | 37 | 37 |
| 328 | M10_001 | LCP_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 7 | 0.6 | 0.6 | 37 | 37 |
| 329 | MVS_001 | ABO_003 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 7 | 20 | 0.6 | 0.3 | 40.5 | 36.2 |
| 330 | SLK_001 | QGS_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 7 | 0.6 | 0.6 | 40.5 | 40.5 |
| 331 | SHR_001 | M07_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 25 | 24 | 0.6 | 0.6 | 40.5 | 40.5 |
| 332 | STE_002 | STE_003 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 333 | URT_001 | SVR_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 334 | MTN_REG | VGN_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7 | 25 | 0.6 | 0.6 | 40.5 | 40.5 |
| 335 | YEG_003 | YEG_005 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 12 | 20 | 0.6 | 0.6 | 40.5 | 40.5 |
| 336 | VSZ_001 | OSH_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 25 | 25 | 0.3 | 0.6 | 36.2 | 40.5 |
| 337 | M06_006 | SHL_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 40 | 7 | 0.3 | 0.6 | 36.2 | 40.5 |
| 338 | VAR_001 | VAR_005 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 19 | 25 | 0.3 | 0.6 | 36.2 | 40.5 |
| 339 | ABO_003 | AKQ_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 25 | 7 | 0.3 | 0.6 | 36.2 | 40.5 |
| 340 | ASH_007 | ASH_002 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 15 | 28 | 0.6 | 0.3 | 40.5 | 36.2 |
| 341 | ATK_004 | ATK_001 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 31 | 27 | 0.6 | 0.3 | 40.5 | 36.2 |
| 342 | GAV_005 | GAV_002 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 20 | 27 | 0.6 | 0.3 | 40.5 | 36.2 |
| 343 | ABO_003 | KOT_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 25 | 16 | 0.3 | 0.6 | 36.2 | 40.5 |
| 344 | M03_001 | KRB_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 25 | 14 | 0.3 | 0.6 | 36.2 | 40.5 |
| 345 | M07_003 | PRN_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 7 | 0.6 | 0.6 | 37 | 37 |
| 346 | GUL_01 | KUR_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 20 | 25 | 0.6 | 0.6 | 37 | 37 |
| 347 | M03_006 | SVR_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 20 | 15 | 0.6 | 0.6 | 37 | 37 |
| 348 | PNK_001 | HCH_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 15 | 0.6 | 0.6 | 37 | 37 |
| 349 | SHT_001 | STQ_001 | ANT2 0.3 15 HP | ANT2 0.6 15 HP | 25 | 7 | 0.3 | 0.6 | 32.1 | 37 |
| 350 | ARS_001 | JYL_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 16 | 7 | 0.6 | 0.6 | 37 | 37 |
| 351 | AGG_001 | VSZ_001 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 25 | 25 | 0.6 | 0.3 | 40.5 | 36.2 |
| 352 | M03_005 | THT_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 21 | 0.6 | 0.6 | 37 | 37 |
| 353 | AEL_001 | CHA_003 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 12 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 354 | YEG_004 | YEG_003 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 22 | 12 | 0.6 | 0.6 | 40.5 | 40.5 |
| 355 | DIL_007 | DIL_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 25 | 110 | 0.3 | 0.3 | 36.2 | 36.2 |
| 356 | GTV_001 | IDJ_006 | SB 2-220-PR | SB 2-220-PR | 25 | 10 | 0.61 | 0.61 | 40.1 | 40.1 |
| 357 | KAP_008 | KAP_001 | SB 1-220-PR | SB 1-220-PR | 25 | 35 | 0.3 | 0.3 | 34.9 | 34.9 |
| 358 | ARA_04 | QTS_001 | SB 2 - 142B | SB 2 - 142B | 20 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 359 | HSH_001 | ARM_005 | SB 2-220-PR | SB 1-220-PR | 15 | 20 | 0.61 | 0.3 | 40.1 | 34.9 |
| 360 | ATS_001 | KHR_001 | SB 1-220B | SB 1-220B | 25 | 25 | 0.3 | 0.3 | 35.6 | 35.6 |
| 361 | EGH_001 | ADZ_001 | SB 1-220-PR | SB 1-220-PR | 15 | 8 | 0.3 | 0.3 | 34.9 | 34.9 |
| 362 | MAS_004 | SNV_001 | SB 1-220-PR | SB 1-220-PR | 25 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 363 | YER_219 | YER_013 | SB 1-220-PR | SB 1-220-PR | 14 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 364 | YER_008 | YER_223 | SB 1-220-PR | SB 1-220-PR | 45 | 38 | 0.3 | 0.3 | 34.9 | 34.9 |
| 365 | ATP_003 | YER_218 | SB 1-220-PR | SB 1-220-PR | 12 | 17 | 0.3 | 0.3 | 34.9 | 34.9 |
| 366 | HTG_001 | SHA_001 | SB 1-220-PR | SB 1-220-PR | 25 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 367 | GOR_003 | GOR_005 | SB 1-220B | SB 1-220B | 14 | 25 | 0.3 | 0.3 | 35.6 | 35.6 |
| 368 | YER_005 | YER_224 | SB 1-220-PR | SB 1-220-PR | 30 | 7 | 0.3 | 0.3 | 34.9 | 34.9 |
| 369 | YER_179 | YER_004 | SB 1-220-PR | SB 1-220-PR | 37 | 36 | 0.3 | 0.3 | 34.9 | 34.9 |
| 370 | YER_024 | YER_187 | SB 1-220-PR | SB 1-220-PR | 30 | 33 | 0.3 | 0.3 | 34.9 | 34.9 |
| 371 | YER_126 | YER_192 | SB 1-220-PR | SB 1-220-PR | 46 | 33 | 0.3 | 0.3 | 34.9 | 34.9 |
| 372 | YER_004 | YER_193 | SB 1-220-PR | SB 1-220-PR | 36 | 30 | 0.3 | 0.3 | 34.9 | 34.9 |

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|-----|---------|---------|-------------|-------------|------|-----|------|------|------|------|
| 373 | LOR_001 | AHD_001 | SB 1-142-PR | SB 1-142-PR | 29 | 7 | 0.3 | 0.61 | 31.1 | 37.3 |
| 374 | DOV_001 | ANT_001 | SB 1-220-PR | SB 1-220-PR | 25 | 35 | 0.3 | 0.3 | 34.9 | 34.9 |
| 375 | ZED_001 | ARN_001 | SB 2-142-PR | SB 2-142-PR | 12 | 7.5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 376 | KAT_001 | ASN_001 | SB 2-142-PR | SB 2-142-PR | 25 | 11 | 0.61 | 0.61 | 37.3 | 37.3 |
| 377 | M09_004 | DZM_001 | SB 1-220-PR | SB 1-220-PR | 25 | 14 | 0.3 | 0.3 | 34.9 | 34.9 |
| 378 | DOV_001 | DZT_001 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 379 | MAY_001 | VHB_001 | SB 2-142-PR | SB 2-142-PR | 25 | 25 | 0.6 | 0.6 | 37.3 | 37.3 |
| 380 | KVT_001 | GTK_001 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 381 | GTM_001 | JRB_002 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 382 | VKA_001 | MSG_001 | SB 2-142-PR | SB 2-142-PR | 20 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 383 | YER_065 | NUB_002 | SB 1-142-PR | SB 1-142-PR | 22 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 384 | VAG_001 | PTQ_001 | SB 1-220-PR | SB 1-220-PR | 30 | 10 | 0.3 | 0.3 | 34.9 | 34.9 |
| 385 | LMN_001 | QBD_001 | SB 2-142-PR | SB 2-142-PR | 25 | 6 | 0.61 | 0.61 | 37.3 | 37.3 |
| 386 | LRK_001 | QRB_001 | SB 1-142-PR | SB 2-142-PR | 25 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 387 | M06_008 | QRK_001 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 388 | M03_004 | SIP_001 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 389 | M01_003 | AGA_001 | SB 2-142-PR | SB 2-142-PR | 20 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 390 | HTG_001 | AGC_001 | SB 1-142-PR | SB 2-142-PR | 25 | 12 | 0.3 | 0.61 | 31.1 | 37.3 |
| 391 | ART_001 | AGD_001 | SB 2-220-PR | SB 2-220-PR | 25 | 25 | 0.61 | 0.61 | 40.1 | 40.1 |
| 392 | YGD_001 | AGR_001 | SB 2-142-PR | SB 2-142-PR | 28 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 393 | M02_002 | AIG_001 | SB 1-220-PR | SB 1-220-PR | 25 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 394 | YER_032 | ARJ_001 | SB 1-220-PR | SB 1-220-PR | 53 | 12 | 0.3 | 0.3 | 34.9 | 34.9 |
| 395 | ARM_01 | ARK_001 | SB 1-142-PR | SB 2-142-PR | 25 | 17 | 0.3 | 0.61 | 31.1 | 37.3 |
| 396 | ATK_001 | ATK_003 | SB 1-220-PR | SB 1-220-PR | 27 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 397 | BGM_001 | AYK_001 | SB 2-142-PR | SB 2-142-PR | 25 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 398 | AMA_001 | GHZ_001 | SB 2-142-PR | SB 2-142-PR | 35 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 399 | SKV_001 | GSG_001 | SB 2-142-PR | SB 2-142-PR | 25 | 7 | 0.61 | 0.61 | 37.3 | 37.3 |
| 400 | GYU_007 | GYU_022 | SB 1-220-PR | SB 1-220-PR | 25 | 16 | 0.3 | 0.3 | 34.9 | 34.9 |
| 401 | ZVN_001 | ZVN_002 | SB 2-220-PR | SB 2-220-PR | 21 | 12 | 0.61 | 0.61 | 40.1 | 40.1 |
| 402 | FLT_001 | MHT_001 | SB 2-142-PR | SB 2-142-PR | 35 | 9 | 0.61 | 0.61 | 37.3 | 37.3 |
| 403 | ARV_001 | MNS_001 | SB 1-142-PR | SB 1-142-PR | 12 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 404 | AMA_001 | SPS_001 | SB 2-220-PR | SB 2-220-PR | 35 | 10 | 0.61 | 0.61 | 40.1 | 40.1 |
| 405 | M02_004 | SVK_001 | SB 1-142-PR | SB 1-142-PR | 25 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 406 | EGH_002 | SSK_001 | SB 2-142-PR | SB 2-142-PR | 10 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 407 | YEG_002 | QNV_001 | SB 2-142-PR | SB 2-142-PR | 32 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 408 | BRD_002 | BRD_003 | SB 1-220-PR | SB 1-220-PR | 33 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 409 | YER_065 | BSN_001 | SB 1-142-PR | SB 2-142-PR | 22 | 25 | 0.3 | 0.61 | 31.1 | 37.3 |
| 410 | ZRV_001 | YEG_003 | SB 1-220-PR | SB 1-220-PR | 20 | 12 | 0.3 | 0.3 | 34.9 | 34.9 |
| 411 | M01_001 | PRS_001 | SB 1-142-PR | SB 1-142-PR | 42 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 412 | M01_001 | PRS_002 | SB 1-142-PR | SB 1-142-PR | 42 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 413 | M01_004 | BZB_003 | SB 2-142-PR | SB 2-142-PR | 30 | 10 | 0.61 | 0.61 | 37.3 | 37.3 |
| 414 | AKT_001 | MSQ_001 | SB 2-142-PR | SB 2-142-PR | 7.5 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 415 | ZRK_001 | DRB_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 416 | HKT_001 | SDP_001 | SB 2-142-PR | SB 2-142-PR | 25 | 13 | 0.61 | 0.61 | 37.3 | 37.3 |
| 417 | M05_001 | TRN_001 | SB 1-142-PR | SB 2-142-PR | 20 | 15 | 0.3 | 0.61 | 31.1 | 37.3 |
| 418 | MAQ_001 | GEQ_001 | SB 2-142-PR | SB 2-142-PR | 29 | 4 | 0.6 | 0.6 | 37.3 | 37.3 |
| 419 | ARL_001 | M05_001 | SB 2-220-PR | SB 2-220-PR | 19 | 41 | 0.6 | 0.6 | 40.1 | 40.1 |
| 420 | AGE_001 | HKT_001 | SB 1-220-PR | SB 1-220-PR | 16 | 29 | 0.3 | 0.3 | 34.9 | 34.9 |
| 421 | NKT_001 | M02_002 | SB 2-220-PR | SB 1-220-PR | 18 | 29 | 0.6 | 0.3 | 34.9 | 34.9 |
| 422 | MRM_001 | HVS_001 | SB 1-220-PR | SB 1-220-PR | 16 | 30 | 0.3 | 0.3 | 34.9 | 34.9 |
| 423 | ALP_001 | AZK_001 | SB 2-142-PR | SB 2-142-PR | 16,5 | 7 | 0.6 | 0.6 | 37.3 | 37.3 |
| 424 | AST_001 | AMA_001 | SB 2-142-PR | SB 2-142-PR | 19 | 35 | 0.6 | 0.6 | 37.3 | 37.3 |
| 425 | MSK_001 | ARM_003 | SB 2-142-PR | SB 2-142-PR | 16 | 35 | 0.6 | 0.6 | 37.3 | 37.3 |
| 426 | BZB_001 | M01_004 | SB 1-220-PR | SB 1-220-PR | 10 | 29 | 0.3 | 0.3 | 34.9 | 34.9 |
| 427 | JFD_001 | ARM_01 | SB 2-142-PR | SB 2-142-PR | 16 | 29 | 0.6 | 0.6 | 37.3 | 37.3 |
| 428 | BMB_001 | ARM_01 | SB 1-142-PR | SB 1-142-PR | 17 | 29 | 0.3 | 0.3 | 31.1 | 31.1 |
| 429 | HRA_008 | HRA_001 | SB 2-142-PR | SB 1-142-PR | 19 | 38 | 0.6 | 0.3 | 37.3 | 31.1 |
| 430 | HTC_001 | GYU_003 | SB 2-142-PR | SB 2-142-PR | 4 | 56 | 0.6 | 0.6 | 37.3 | 37.3 |
| 431 | KAJ_003 | KAJ_001 | SB 1-220-PR | SB 1-220-PR | 7 | 16 | 0.3 | 0.3 | 34.9 | 34.9 |
| 432 | GSH_001 | ARM_005 | SB 2-220-PR | SB 1-220-PR | 15 | 29 | 0.6 | 0.3 | 40.1 | 34.9 |
| 433 | AHT_001 | VGT_001 | SB 1-220-PR | SB 2-220-PR | 4 | 29 | 0.3 | 0.6 | 40.1 | 40.1 |
| 434 | SRB_001 | ZVS_001 | SB 2-142-PR | SB 2-142-PR | 7 | 29 | 0.6 | 0.6 | 37.3 | 37.3 |
| 435 | BRK_001 | SIS_001 | SB 2-142-PR | SB 1-142-PR | 7 | 49 | 0.6 | 0.3 | 31.1 | 37.3 |

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|-----|---------|---------|-------------|-------------|------|----|------|------|------|------|
| 436 | RND_001 | AGH_01 | SB 2-142-PR | SB 1-142-PR | 15 | 41 | 0.6 | 0.3 | 34.9 | 40.1 |
| 437 | YER_155 | YER_007 | SB 1-142-PR | SB 1-142-PR | 10 | 39 | 0.3 | 0.3 | 34.9 | 34.9 |
| 438 | YER_177 | YER_125 | SB 1-142-PR | SB 1-142-PR | 12 | 45 | 0.3 | 0.3 | 34.9 | 34.9 |
| 439 | GYU_019 | GYU_005 | SB 1-142-PR | SB 1-142-PR | 22 | 34 | 0.3 | 0.3 | 34.9 | 34.9 |
| 440 | KAP_007 | KAP_003 | SB 1-142-PR | SB 1-142-PR | 19 | 50 | 0.3 | 0.3 | 34.9 | 34.9 |
| 441 | YER_172 | YER_025 | SB 1-142-PR | SB 1-142-PR | 20 | 48 | 0.3 | 0.3 | 34.9 | 34.9 |
| 442 | M02_015 | SPD_001 | SB 1-142-PR | SB 1-142-PR | 25 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 443 | SHI_002 | SVD_002 | SB 1-142-PR | SB 1-142-PR | 25 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 444 | SHI_002 | SVD_001 | SB 2-142-PR | SB 2-142-PR | 30 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 445 | YER_122 | YER_012 | SB 1-220-PR | SB 1-220-PR | 25 | 18 | 0.3 | 0.3 | 34.9 | 34.9 |
| 446 | ACH_001 | AZT_001 | SB 1-142-PR | SB 1-142-PR | 80 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 447 | JUJ_001 | KTI_001 | SB 1-142-PR | SB 2-142-PR | 33 | 20 | 0.3 | 0.61 | 31.1 | 37.3 |
| 448 | YER_048 | YER_154 | SB 2-220-PR | SB 2-220-PR | 5 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 449 | LPR_001 | GEG_01 | SB 2-142-PR | SB 2-142-PR | 20 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 450 | HRT_001 | QCH_001 | SB 1-142-PR | SB 1-142-PR | 30 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 451 | ATP_001 | ATP_003 | SB 1-142-PR | SB 1-142-PR | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 452 | HRA_006 | HRA_004 | SB 1-220-PR | SB 1-220-PR | 25 | 40 | 0.3 | 0.3 | 34.9 | 34.9 |
| 453 | YER_120 | YER_008 | SB 1-220-PR | SB 1-220-PR | 32 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 454 | YER_118 | YER_061 | SB 1-220-PR | SB 1-220-PR | 25 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 455 | STN_001 | STN_MW | SB 1-142-PR | SB 1-142-PR | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 456 | VKT_001 | GET_01 | SB 2-142-PR | SB 2-142-PR | 37 | 17 | 0.61 | 0.61 | 37.3 | 37.3 |
| 457 | YER_159 | YER_089 | SB 1-220-PR | SB 1-220-PR | 15 | 46 | 0.3 | 0.3 | 34.9 | 34.9 |
| 458 | YER_176 | YER_025 | SB 1-220-PR | SB 1-220-PR | 15 | 70 | 0.3 | 0.3 | 34.9 | 34.9 |
| 459 | M02_016 | M02_019 | SU4-65A | SU6-65A | 80 | 24 | 1.22 | 1.83 | 36 | 39.7 |
| 460 | GTM_001 | M04_002 | SU4-65A | SU4-65A | 29 | 34 | 1.22 | 1.22 | 36 | 36 |
| 461 | QCH_001 | SNK_MW | SU4-65A | SU4-65A | 15 | 15 | 1.22 | 1.22 | 36 | 36 |
| 462 | SPI_002 | M03_005 | SU4-65A | SU4-65A | 5 | 5 | 1.22 | 1.22 | 36 | 36 |
| 463 | NRV_001 | AGH_01 | SB 2-142-PR | SB 2-142-PR | 4.57 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 464 | ZRT_001 | AMA_001 | SB 2-142-PR | SU 4-142-PR | 20 | 5 | 0.61 | 1.22 | 37.3 | 42.5 |
| 465 | VND_001 | ARM_005 | SB 2-142-PR | SB 2-142-PR | 25 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 466 | AZN_001 | ARE_001 | SB 2-142-PR | SB 2-142-PR | 8 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 467 | GAV_004 | SHO_001 | SU 4-142-PR | SB 2-142-PR | 15 | 7 | 1.22 | 0.61 | 42.5 | 37.3 |
| 468 | GEG_01 | M03_005 | SB 2-142-PR | SB 2-142-PR | 15 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 469 | GYU_012 | GYU_007 | SB 1-220-PR | SB 1-220-PR | 5 | 56 | 0.3 | 0.3 | 34.9 | 34.9 |
| 470 | KAP_004 | KAP_001 | SB 1-220-PR | SB 1-220-PR | 35 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 471 | KAP_001 | KAP_006 | SB 1-220-PR | SB 1-220-PR | 10 | 24 | 0.3 | 0.3 | 34.9 | 34.9 |
| 472 | KAP_002 | KAP_003 | SB 2-220-PR | SB 2-220-PR | 12 | 10 | 0.61 | 0.61 | 40.1 | 40.1 |
| 473 | M01_005 | MSA_001 | SB 2-142-PR | SB 2-142-PR | 5 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 474 | M02_019 | SHU_001 | SB 2-220-PR | SB 2-220-PR | 15 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 475 | M03_004 | MLK_001 | SB 2-220-PR | SB 2-220-PR | 7 | 16 | 0.61 | 0.61 | 40.1 | 40.1 |
| 476 | M03_005 | SRM_001 | SB 1-142-PR | SB 1-142-PR | 29 | 34 | 0.3 | 0.3 | 31.1 | 31.1 |
| 477 | M04_003 | IDJ_001 | SU 6-142-PR | SU 6-142-PR | 12 | 20 | 1.83 | 1.83 | 46 | 46 |
| 478 | M01_005 | M05_001 | UXA 8-65-PR | UXA 6-65-PR | 52 | 25 | 2.44 | 1.83 | 42.2 | 39.7 |
| 479 | M07_001 | LNP_001 | SB 2-220-PR | SB 2-220-PR | 5 | 25 | 0.61 | 0.61 | 40.1 | 40.1 |
| 480 | GUR_001 | M07_001 | SB 2-220-PR | SB 2-220-PR | 4 | 3 | 0.61 | 0.61 | 40.1 | 40.1 |
| 481 | M10_001 | DRA_001 | SU 4-142-PR | SU 6-142-PR | 4 | 35 | 1.22 | 1.83 | 42.5 | 46 |
| 482 | M10_003 | TPT_001 | SU 4-142-PR | SU 4-142-PR | 20 | 15 | 1.22 | 1.22 | 42.5 | 42.5 |
| 483 | SHI_002 | SHI_001 | SB 1-142-PR | SB 1-142-PR | 7 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 484 | CHM_002 | SHO_001 | SB 1-142-PR | SB 1-142-PR | 5 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 485 | SPI_002 | SPI_001 | SB 1-142-PR | SB 1-142-PR | 14 | 14 | 0.3 | 0.3 | 31.1 | 31.1 |
| 486 | ARS_001 | TPT_001 | SB 2-142-PR | SB 2-142-PR | 10 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 487 | TUJ_001 | VHN_001 | SB 2-142-PR | SB 1-142-PR | 5 | 5 | 0.61 | 0.3 | 37.3 | 31.1 |
| 488 | NKA_001 | VKA_001 | SB 1-142-PR | SB 1-142-PR | 5 | 70 | 0.3 | 0.3 | 31.1 | 31.1 |
| 489 | YER_065 | NUB_001 | SB 1-220-PR | SB 1-220-PR | 20 | 44 | 0.3 | 0.3 | 34.9 | 34.9 |
| 490 | YEG_001 | ZRV_001 | SB 1-142-PR | SB 1-142-PR | 50 | 21 | 0.3 | 0.3 | 31.1 | 31.1 |
| 491 | YER_152 | ZVN_001 | SB 1-220-PR | SB 1-220-PR | 55 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 492 | AGN_002 | AGN_001 | SB 1-142-PR | SB 1-142-PR | 28 | 35 | 0.3 | 0.3 | 31.1 | 31.1 |
| 493 | ALA_002 | ALA_001 | SB 1-220-PR | SB 1-220-PR | 5 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 494 | ALV_001 | NRN_002 | SB 2-142-PR | SB 2-142-PR | 5 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 495 | AMS_001 | SVB_001 | SB 2-142-PR | SB 2-142-PR | 25 | 15 | 0.61 | 0.61 | 37.3 | 37.3 |
| 496 | ARA_003 | SUR_001 | SB 1-142-PR | SB 1-142-PR | 32 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 497 | DVN_001 | ARA_04 | SB 2-220-PR | SB 2-220-PR | 20 | 20 | 0.61 | 0.61 | 40.1 | 40.1 |
| 498 | AGS_001 | ARA_04 | SB 2-220-PR | SB 2-220-PR | 20 | 7 | 0.61 | 0.61 | 40.1 | 40.1 |

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|-----|---------|---------|-------------|-------------|-------|------|------|------|------|------|
| 499 | ARA_04 | NAR_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 500 | ARM_005 | NAL_001 | SB 1-142-PR | SB 1-142-PR | 5 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 501 | ARM_04 | ARM_01 | SU 4-142-PR | SU 4-142-PR | 20 | 20 | 1.22 | 1.22 | 42.5 | 42.5 |
| 502 | ARM_01 | TAN_001 | SB 2-220-PR | SB 2-220-PR | 15 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 503 | BGM_002 | ARM_04 | SB 2-220-PR | SB 2-220-PR | 25 | 25 | 0.61 | 0.61 | 40.1 | 40.1 |
| 504 | ASH_001 | ASH_004 | SB 1-220-PR | SB 1-220-PR | 29 | 6 | 0.3 | 0.3 | 34.9 | 34.9 |
| 505 | LOR_001 | ATA_001 | SB 1-142-PR | SB 1-142-PR | 29 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 506 | AGN_001 | AZK_001 | SB 1-142-PR | SB 1-142-PR | 12 | 18 | 0.3 | 0.3 | 31.1 | 31.1 |
| 507 | BAL_001 | BAL_002 | SB 1-220-PR | SB 1-220-PR | 10 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 508 | BGN_001 | KUT_001 | SB 1-142-PR | SB 2-142-PR | 33 | 20 | 0.3 | 0.61 | 31.1 | 37.3 |
| 509 | BRD_002 | BRD_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 510 | NAV_001 | BRD_001 | SB 2-142-PR | SB 2-142-PR | 25 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 511 | CHK_001 | DSG_001 | SB 2-220-PR | SB 2-220-PR | 27 | 30 | 0.61 | 0.61 | 40.1 | 40.1 |
| 512 | GEG_001 | NUR_001 | SB 1-142-PR | SB 1-142-PR | 20 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 513 | HOV_001 | GET_01 | SB 1-142-PR | SB 1-142-PR | 19 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 514 | GTM_001 | NOR_001 | SB 1-142-PR | SB 1-142-PR | 5 | 19 | 0.3 | 0.3 | 31.1 | 31.1 |
| 515 | MRG_001 | GTM_001 | SB 1-220-PR | SB 1-220-PR | 15 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 516 | LCH_001 | GTS_001 | SB 1-142-PR | SB 1-142-PR | 10 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 517 | GYB_001 | VGJ_001 | SB 1-142-PR | SB 1-142-PR | 40 | 56 | 0.3 | 0.3 | 31.1 | 31.1 |
| 518 | GEG_001 | HAI_001 | SB 1-220-PR | SB 2-220-PR | 15 | 30 | 0.3 | 0.61 | 34.9 | 40.1 |
| 519 | AGV_001 | HRA_001 | SB 1-142-PR | SB 1-142-PR | 14.94 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 520 | HRA_004 | LRN_001 | SB 1-142-PR | SB 1-142-PR | 10 | 41 | 0.3 | 0.3 | 31.1 | 31.1 |
| 521 | JER_001 | JER_003 | SB 1-220-PR | SB 1-220-PR | 20 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 522 | JRT_001 | HAY_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 523 | APG_001 | JRT_001 | SB 1-142-PR | SB 1-142-PR | 30 | 10 | 0.3 | 0.3 | 31.1 | 31.1 |
| 524 | KAP_005 | KAP_002 | SB 1-220-PR | SB 2-220-PR | 24 | 20 | 0.3 | 0.61 | 34.9 | 40.1 |
| 525 | KAP_003 | SYQ_001 | SB 1-142-PR | SB 1-142-PR | 20 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 526 | DTD_001 | KAT_001 | SB 2-142-PR | SB 2-142-PR | 19.69 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 527 | GGI_001 | KAV_001 | SB 2-142-PR | SB 2-142-PR | 30 | 24 | 0.61 | 0.61 | 37.3 | 37.3 |
| 528 | KVT_001 | KAP_003 | SB 1-142-PR | SB 1-142-PR | 23 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 529 | M01_002 | UJN_001 | SB 1-142-PR | SB 1-142-PR | 20 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 530 | M01_003 | KSH_001 | SB 1-142-PR | SB 1-142-PR | 12 | 24 | 0.3 | 0.3 | 31.1 | 31.1 |
| 531 | M01_005 | TAL_001 | SB 2-142-PR | SB 1-142-PR | 5 | 20 | 0.61 | 0.3 | 37.3 | 31.1 |
| 532 | MAR_001 | M01_007 | SB 1-220-PR | SB 1-220-PR | 25 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 533 | M02_001 | BYU_001 | SB 1-142-PR | SB 1-142-PR | 20 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 534 | ELP_001 | M02_006 | SB 1-142-PR | SB 1-142-PR | 25 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 535 | M02_009 | GMQ_001 | SB 2-142-PR | SB 2-142-PR | 33 | 29 | 0.61 | 0.61 | 37.3 | 37.3 |
| 536 | CHA_004 | M04_002 | SB 1-220-PR | SB 1-220-PR | 31 | 29 | 0.3 | 0.3 | 34.9 | 34.9 |
| 537 | CHA_002 | M04_002 | SB 1-220-PR | SB 1-220-PR | 27 | 34 | 0.3 | 0.3 | 34.9 | 34.9 |
| 538 | FLT_001 | M04_003 | SU 4-142-PR | SU 4-142-PR | 40 | 24 | 1.22 | 1.22 | 42.5 | 42.5 |
| 539 | M04_004 | DIL_003 | SB 1-142-PR | SB 1-142-PR | 30 | 10 | 0.3 | 0.3 | 31.1 | 31.1 |
| 540 | M04_005 | HAG_001 | SB 1-142-PR | SB 1-142-PR | 25 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 541 | M04_010 | TOV_001 | SB 1-142-PR | SB 1-142-PR | 20 | 19.2 | 0.3 | 0.3 | 31.1 | 31.1 |
| 542 | M05_001 | EGN_001 | SB 1-142-PR | SB 1-142-PR | 5 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 543 | EDS_001 | M05_001 | SB 2-142-PR | SB 2-142-PR | 15 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 544 | ODZ_001 | M06_005 | SB 1-142-PR | SB 1-142-PR | 25 | 20 | 0.3 | 0.3 | 31.1 | 31.1 |
| 545 | M06_008 | TGH_001 | SB 2-142-PR | SB 1-142-PR | 5 | 15 | 0.61 | 0.3 | 37.3 | 31.1 |
| 546 | JIL_001 | M06_011 | SU 4-142-PR | SU 4-142-PR | 5 | 10 | 1.22 | 1.22 | 42.5 | 42.5 |
| 547 | M09_001 | GUL_01 | SB 2-142-PR | SB 2-142-PR | 15 | 35 | 0.61 | 0.61 | 37.3 | 37.3 |
| 548 | HRV_001 | M10_002 | SB 1-142-PR | SB 1-142-PR | 6 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 549 | YRN_001 | M10_004 | SB 1-220-PR | SB 1-220-PR | 15 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 550 | M11_001 | ANS_001 | SB 1-142-PR | SB 1-142-PR | 34 | 25 | 0.3 | 0.3 | 31.1 | 31.1 |
| 551 | M04_003 | M14_001 | SB 2-142-PR | SB 2-142-PR | 22 | 25 | 0.61 | 0.61 | 37.3 | 37.3 |
| 552 | YAN_001 | MAD_001 | SB 1-142-PR | SB 1-142-PR | 20 | 35 | 0.3 | 0.3 | 31.1 | 31.1 |
| 553 | MGT_001 | MTM_001 | SB 1-142-PR | SB 1-142-PR | 15 | 28 | 0.3 | 0.3 | 31.1 | 31.1 |
| 554 | MTN_002 | ZOL_001 | SB 1-142-PR | SB 1-142-PR | 27 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 555 | ARZ_001 | NOR_001 | SB 1-220-PR | SB 1-220-PR | 20 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 556 | NOY_001 | BKM_001 | SB 2-142-PR | SB 2-142-PR | 5 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 557 | KGB_001 | NOY_001 | SB 1-220-PR | SB 1-220-PR | 5 | 12 | 0.3 | 0.3 | 34.9 | 34.9 |
| 558 | DRK_001 | NRK_001 | SU 4-142-PR | SB 2-142-PR | 20 | 20 | 1.22 | 0.61 | 42.5 | 37.3 |
| 559 | RAN_001 | NRM_001 | SB 1-142-PR | SB 1-142-PR | 25 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 560 | NRN_002 | NRN_001 | SB 1-142-PR | SB 1-142-PR | 20 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 561 | QAR_001 | LRG_001 | SB 2-142-PR | SB 2-142-PR | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |

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|-----|---------|---------|-----------------|-----------------|-------|------|------|------|------|------|
| 562 | SHT_001 | ZOD_001 | SB 2-142-PR | SB 2-142-PR | 5 | 52 | 0.61 | 0.61 | 37,3 | 37,3 |
| 563 | BGV_001 | SUS_001 | SB 1-142-PR | SB 1-142-PR | 5 | 15 | 0.3 | 0.3 | 31,1 | 31,1 |
| 564 | HAT_001 | SVB_001 | SB 1-142-PR | SB 2-142-PR | 9.42 | 8 | 0.3 | 0.61 | 31,1 | 37,3 |
| 565 | TRG_MW | YGD_001 | SU 4-142-PR | SU 4-142-PR | 17 | 28 | 1.22 | 1.22 | 42,5 | 42,5 |
| 566 | MGN_001 | VAG_004 | SB 1-142-PR | SB 1-142-PR | 36 | 32 | 0.3 | 0.3 | 31,1 | 31,1 |
| 567 | AZP_001 | VDS_001 | SB 1-142-PR | SB 1-142-PR | 20 | 20 | 0.3 | 0.3 | 31,1 | 31,1 |
| 568 | VKH_001 | GTQ_001 | SB 1-142-PR | SB 1-142-PR | 22 | 29 | 0.3 | 0.3 | 31,1 | 31,1 |
| 569 | YAN_001 | SEL_001 | SB 1-142-PR | SB 1-142-PR | 30 | 55 | 0.3 | 0.3 | 31,1 | 31,1 |
| 570 | YER_080 | YER_008 | SB 1-220-PR | SB 1-220-PR | 30 | 39 | 0.3 | 0.3 | 34,9 | 34,9 |
| 571 | PAR_001 | YER_020 | SB 1-220-PR | SB 1-220-PR | 25 | 35 | 0.3 | 0.3 | 34,9 | 34,9 |
| 572 | YER_127 | YER_026 | SB 1-220-PR | SB 1-220-PR | 45 | 36 | 0.3 | 0.3 | 34,9 | 34,9 |
| 573 | AVN_001 | YER_032 | SB 1-220-PR | SB 1-220-PR | 38 | 15 | 0.3 | 0.3 | 34,9 | 34,9 |
| 574 | M01_001 | YER_074 | SB 1-142-PR | SB 1-142-PR | 18 | 12 | 0.3 | 0.3 | 31,1 | 31,1 |
| 575 | QAS_001 | YER_074 | SB 1-220-PR | SB 1-220-PR | 44 | 30 | 0.3 | 0.3 | 34,9 | 34,9 |
| 576 | YER_151 | YER_095 | SB 1-220-PR | SB 1-220-PR | 8 | 3 | 0.3 | 0.3 | 34,9 | 34,9 |
| 577 | ZED_001 | ATV_001 | SU 4-142-PR | SU 4-142-PR | 9.42 | 10.5 | 1.22 | 1.22 | 42,5 | 42,5 |
| 578 | BAG_001 | KAT_001 | SU 6 - 142 - PR | SU 6 - 142 - PR | 5 | 5 | 1,83 | 1,83 | 46 | 46 |
| 579 | KRT_001 | SRS_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 6 | 15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 580 | DOV_001 | M02_019 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 30 | 0,61 | 0,61 | 37,3 | 37,3 |
| 581 | KAP_003 | YGD_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 9.42 | 8 | 0,61 | 0,61 | 37,3 | 37,3 |
| 582 | TRG_MW | YGD_001 | SU 4 - 142 - PR | SU 4 - 142 - PR | 5 | 9.42 | 1,22 | 1,22 | 42,5 | 42,5 |
| 583 | TSV_001 | TRG_MW | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 584 | SHI_001 | TSV_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 36 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 585 | AGK_001 | AGK_002 | SB 1 - 142 - PR | SB 1 - 142 - PR | 48 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 586 | M02_002 | VED_MW | SB 2 - 142 - PR | SB 2 - 142 - PR | 17 | 15 | 0,61 | 0,61 | 37,3 | 37,3 |
| 587 | AVB_001 | CTN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 30 | 0,3 | 0,3 | 31,1 | 31,1 |
| 588 | MRK_001 | HRA_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 17 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 589 | MGZ_001 | MRK_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 17 | 0,3 | 0,3 | 31,1 | 31,1 |
| 590 | ATZ_002 | MGZ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 23 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 591 | ATZ_001 | ATZ_002 | SB 1 - 142 - PR | SB 1 - 142 - PR | 35 | 23 | 0,3 | 0,3 | 31,1 | 31,1 |
| 592 | ELN_001 | ATZ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 24 | 12 | 0,3 | 0,3 | 31,1 | 31,1 |
| 593 | KAP_003 | CHT_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 29 | 0,3 | 0,3 | 31,1 | 31,1 |
| 594 | BJN_001 | M04_002 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 595 | KAJ_001 | KAV_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 596 | SRS_001 | M02_009 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 27 | 0,61 | 0,61 | 37,3 | 37,3 |
| 597 | GAV_001 | GAV_002 | SB 1 - 142 - PR | SB 1 - 142 - PR | 17 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 598 | AVB_001 | AGZ_MW | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 599 | AGZ_MW | AGZ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 6 | 0,3 | 0,3 | 31,1 | 31,1 |
| 600 | M09_001 | ATA_001 | SU 6 - 142 - PR | SU 6 - 142 - PR | 41 | 5 | 1,83 | 1,83 | 46 | 46 |
| 601 | AMS_001 | GSN_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 20 | 5 | 0,61 | 0,61 | 40,1 | 40,1 |
| 602 | QAR_001 | ARM_04 | SB 2 - 142 - PR | SB 2 - 142 - PR | 30 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 603 | M01_006 | ZVS_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 22 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 604 | GYU_03 | LRK_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 35 | 21 | 0,3 | 0,3 | 31,1 | 31,1 |
| 605 | KRS_001 | M02_013 | SU 4 - 142 - PR | SB 2 - 142 - PR | 7.5 | 5 | 1,22 | 0,61 | 42,5 | 37,3 |
| 606 | AKT_001 | SIS_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 607 | SIS_001 | AKL_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 608 | TSK_001 | AKL_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 13.31 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 609 | DTK_001 | AKL_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 610 | DBS_001 | VGT_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 611 | GOR_006 | KHD_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 20 | 15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 612 | KHD_001 | TEG_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 15 | 15 | 0,61 | 0,61 | 37,3 | 37,3 |
| 613 | KAP_003 | AVK_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 34 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 614 | M04_003 | KAD_001 | SU 4 - 142 - PR | SB 2 - 142 - PR | 5 | 25 | 1,22 | 0,61 | 42,5 | 37,3 |
| 615 | DZV_001 | AYG_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 616 | DZV_001 | MRT_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 617 | KAD_001 | DZV_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 10 | 0,3 | 0,3 | 31,1 | 31,1 |
| 618 | MRT_001 | TUJ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 10 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 619 | TUJ_001 | CHM_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 47 | 7 | 0,3 | 0,3 | 31,1 | 31,1 |
| 620 | M03_006 | PVN_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 47 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 621 | M03_006 | LER_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 30 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 622 | M09_004 | ATI_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 30 | 15 | 0,61 | 0,61 | 40,1 | 40,1 |
| 623 | MTV_001 | M09_003 | SB 1 - 142 - PR | SB 1 - 142 - PR | 20 | 19 | 0,3 | 0,3 | 31,1 | 31,1 |
| 624 | ZRV_001 | GTM_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 32 | 19 | 0,61 | 0,61 | 37,3 | 37,3 |

| | | | | | | | | | | |
|-----|---------|---------|-----------------|-----------------|-------|----|------|------|------|------|
| 625 | YEG_002 | GTM_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 17 | 18 | 0,61 | 0,61 | 37,3 | 37,3 |
| 626 | M04_008 | VAZ_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 31 | 34 | 0,61 | 0,61 | 37,3 | 37,3 |
| 627 | IDJ_002 | IDJ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 34 | 0,3 | 0,3 | 31,1 | 31,1 |
| 628 | GTV_001 | IDJ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 18 | 0,3 | 0,3 | 31,1 | 31,1 |
| 629 | ACH_001 | VAZ_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 15 | 0,61 | 0,61 | 37,3 | 37,3 |
| 630 | BRD_001 | CTN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 10 | 17 | 0,3 | 0,3 | 31,1 | 31,1 |
| 631 | BGN_001 | M04_008 | SB 2 - 142 - PR | SB 2 - 142 - PR | 10 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 632 | BGN_001 | KTI_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 25 | 8 | 0,61 | 0,61 | 40,1 | 40,1 |
| 633 | SAL_001 | ZED_001 | SU 6 - 142 - PR | SU 4 - 142 - PR | 25 | 25 | 1,83 | 1,22 | 46 | 42,5 |
| 634 | SAL_001 | STN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 20 | 0,3 | 0,3 | 31,1 | 31,1 |
| 635 | SMB_001 | HER_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 636 | SRI_001 | DZN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 54 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 637 | AMA_001 | DZN_001 | SU 4 - 142 - PR | SB 2 - 142 - PR | 20 | 54 | 1,22 | 0,61 | 42,5 | 37,3 |
| 638 | PGN_001 | AMA_001 | SB 2 - 142 - PR | SU 4 - 142 - PR | 54 | 12 | 0,61 | 1,22 | 37,3 | 42,5 |
| 639 | AMA_001 | SRG_001 | SU 4 - 142 - PR | SB 2 - 142 - PR | 15 | 18 | 1,22 | 0,61 | 42,5 | 37,3 |
| 640 | M07_003 | SRL_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 52 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 641 | SPI_001 | AVS_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 642 | AZN_001 | MUS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 15 | 5 | 0,61 | 0,61 | 37,3 | 37,3 |
| 643 | DRG_001 | M10_004 | SB 2 - 220 - PR | SB 2 - 220 - PR | 15 | 5 | 0,61 | 0,61 | 40,1 | 40,1 |
| 644 | GTS_001 | GVT_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 645 | MAD_001 | GTS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 25 | 0,61 | 0,61 | 37,3 | 37,3 |
| 646 | M11_002 | MAQ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 24 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 647 | GAV_003 | LJP_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 20 | 20 | 0,3 | 0,3 | 31,1 | 31,1 |
| 648 | HVN_001 | GRN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 19 | 24 | 0,3 | 0,3 | 31,1 | 31,1 |
| 649 | SEV_002 | SEV_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 32 | 25 | 0,61 | 0,61 | 40,1 | 40,1 |
| 650 | KAJ_002 | KAJ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 651 | M10_004 | GTS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 15 | 0,61 | 0,61 | 37,3 | 37,3 |
| 652 | PGB_001 | M09_003 | SB 2 - 142 - PR | SB 2 - 142 - PR | 12 | 15 | 0,61 | 0,61 | 37,3 | 37,3 |
| 653 | M06_009 | ZRN_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 5 | 25 | 0,61 | 0,61 | 40,1 | 40,1 |
| 654 | HBT_001 | SMB_001 | SB 1 - 220 - PR | SB 1 - 220 - PR | 35 | 8 | 0,3 | 0,3 | 34,9 | 34,9 |
| 655 | M10_002 | GAV_004 | SB 2 - 220 - PR | SB 2 - 220 - PR | 20 | 5 | 0,61 | 0,61 | 40,1 | 40,1 |
| 656 | GYU_009 | AKH_001 | SB 1 - 220 - PR | SB 1 - 220 - PR | 20 | 15 | 0,3 | 0,3 | 34,9 | 34,9 |
| 657 | VKA_001 | CTN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 15 | 15 | 0,3 | 0,3 | 31,1 | 31,1 |
| 658 | GTS_001 | VDK_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 15 | 28 | 0,61 | 0,61 | 37,3 | 37,3 |
| 659 | VED_MW | LJN_001 | SU 4 - 142 - PR | SU 6 - 142 - PR | 18 | 20 | 1,2 | 1,2 | 42,5 | 46 |
| 660 | VED_MW | UZR_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 21,13 | 70 | 0,6 | 0,6 | 37,3 | 37,3 |
| 661 | VSZ_001 | YER_079 | SU 4 - 142 - PR | SU 6 - 142 - PR | 20 | 17 | 1,2 | 1,2 | 42,5 | 46 |
| 662 | ZRV_001 | BUJ_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 19 | 0,6 | 0,6 | 37,3 | 37,3 |
| 663 | M05_001 | HTG_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 25 | 0,6 | 0,6 | 37,3 | 37,3 |
| 664 | HTG_001 | BGM_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 25 | 0,6 | 0,6 | 37,3 | 37,3 |
| 665 | M05_001 | ATS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 20 | 0,6 | 0,6 | 37,3 | 37,3 |
| 666 | HKT_001 | ARM_01 | SB 2 - 142 - PR | SB 2 - 142 - PR | 12 | 12 | 0,6 | 0,6 | 37,3 | 37,3 |
| 667 | M01_005 | KAT_001 | SB 2 - 142 - PR | SU 4 - 142 - PR | 33 | 25 | 0,6 | 0,6 | 37,3 | 42,5 |
| 668 | SEV_003 | SEV_001 | SB 1 - 220 - PR | SB 1 - 220 - PR | 23 | 7 | 0,3 | 0,3 | 34,9 | 34,9 |
| 669 | M02_005 | KHC_001 | SU 4 - 142 - PR | SU 6 - 142 - PR | 4,57 | 20 | 1,2 | 1,8 | 42,5 | 46 |
| 670 | AGH_01 | EGH_003 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 15 | 0,6 | 0,6 | 37,3 | 37,3 |
| 671 | GRN_001 | GOT_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 15 | 8 | 0,3 | 0,3 | 31,1 | 31,1 |
| 672 | GOT_001 | GGD_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 18 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 673 | SHM_001 | LMN_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 34 | 35 | 0,6 | 0,6 | 40,1 | 40,1 |
| 674 | M04_003 | SEV_004 | SB 2 - 142 - PR | SB 2 - 142 - PR | 12 | 5 | 0,6 | 0,6 | 37,3 | 37,3 |
| 675 | M01_005 | VKS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 22 | 5 | 0,6 | 0,6 | 37,3 | 37,3 |
| 676 | GYU_03 | PNK_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 20 | 0,6 | 0,6 | 37,3 | 37,3 |
| 677 | HRA_004 | ZVB_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 18 | 0,3 | 0,3 | 31,1 | 31,1 |
| 678 | M03_003 | CHQ_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 54 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 679 | AMA_001 | TSG_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 54 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 680 | AMA_001 | AGB_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 5 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 681 | MTS_001 | M02_009 | SB 2 - 142 - PR | SB 2 - 142 - PR | 18 | 20 | 0,6 | 0,6 | 37,3 | 37,3 |
| 682 | ATN_001 | QAR_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 19 | 12 | 0,3 | 0,3 | 31,1 | 31,1 |
| 683 | GTM_001 | BAL_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 19 | 5 | 0,3 | 0,3 | 31,1 | 31,1 |
| 684 | GTM_001 | ABO_003 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 42 | 0,3 | 0,3 | 31,1 | 31,1 |
| 685 | VKH_001 | AZN_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 25 | 0,3 | 0,3 | 31,1 | 31,1 |
| 686 | SKV_001 | AZN_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 12 | 0,6 | 0,6 | 37,3 | 37,3 |
| 687 | M11_002 | NRK_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 56 | 0,6 | 0,6 | 37,3 | 37,3 |

| | | | | | | | | | | |
|-----|---------|---------|-----------------|-----------------|-------|-------|------|------|------|------|
| 688 | MAY_001 | GYU_003 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 12 | 0.3 | 0.3 | 31.1 | 31.1 |
| 689 | MAY_001 | KMO_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 25 | 0.6 | 0.6 | 37.3 | 37.3 |
| 690 | GYB_001 | MAY_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 47 | 0.6 | 0.6 | 37.3 | 37.3 |
| 691 | KTN_001 | M03_006 | SB 2 - 142 - PR | SB 2 - 142 - PR | 22 | 20 | 0.6 | 0.6 | 37.3 | 37.3 |
| 692 | GYU_03 | ATK_002 | SB 1 - 142 - PR | SB 1 - 142 - PR | 17 | 25 | 0.6 | 0.6 | 31.1 | 31.1 |
| 693 | M03_001 | OHN_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 21.13 | 5 | 0.6 | 0.6 | 40.1 | 40.1 |
| 694 | VSZ_001 | PRP_001 | SB 1 - 142 - PR | SB 1 - 142 - PR | 25 | 21.13 | 0.3 | 0.3 | 31.1 | 31.1 |
| 695 | ORG_001 | VSZ_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 30 | 45 | 0.6 | 0.6 | 37.3 | 37.3 |
| 696 | YER_025 | YER_084 | SB 1 - 220 - PR | SB 1 - 220 - PR | 22 | 56 | 0,3 | 0,3 | 34,9 | 34,9 |
| 697 | VED_001 | DSQ_001 | SB 1 - 220 - PR | SB 1 - 220 - PR | 36 | 5 | 0,3 | 0,3 | 34,9 | 34,9 |
| 698 | YER_027 | VBD_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 33 | 5 | 0,61 | 0,61 | 40,1 | 40,1 |
| 699 | HAI_001 | NOR_001 | SB 1 - 220 - PR | SB 1 - 220 - PR | 32 | 20 | 0,3 | 0,3 | 34,9 | 34,9 |
| 700 | KES_001 | ARM_005 | SB 1 - 142 - PR | SB 1 - 142 - PR | 35 | 20 | 0,3 | 0,3 | 31,1 | 31,1 |
| 701 | ARM_01 | PSH_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 12 | 0,61 | 0,61 | 37,3 | 37,3 |
| 702 | SUS_001 | M01_005 | SB 2 - 142 - PR | SB 2 - 142 - PR | 25 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 703 | APM_001 | SUS_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 20 | 20 | 0,61 | 0,61 | 37,3 | 37,3 |
| 704 | EGV_001 | M02_002 | SB 2 - 142 - PR | SB 2 - 142 - PR | 5 | 10 | 0,61 | 0,61 | 37,3 | 37,3 |
| 705 | AZK_001 | SLK_001 | SB 2 - 142 - PR | SB 2 - 142 - PR | 44 | 18 | 0,61 | 0,61 | 37,3 | 37,3 |
| 706 | YER_086 | YER_101 | SB 1 - 220 - PR | SB 1 - 220 - PR | 25 | 24 | 0,3 | 0,3 | 34,9 | 34,9 |
| 707 | YER_027 | DZB_001 | SB 2 - 220 - PR | SB 2 - 220 - PR | 18,5 | 70 | 0,61 | 0,61 | 40,1 | 40,1 |
| 708 | YER_102 | YER_077 | SB 1 - 220 - PR | SB 1 - 220 - PR | 25 | 20 | 0,3 | 0,3 | 34,9 | 34,9 |
| 709 | YER_042 | YER_032 | SB 1-220-PR | SB 1-220-PR | 45 | 52 | 0,3 | 0,3 | 34,9 | 34,9 |
| 710 | AGH_01 | M02_008 | SB 1-220-PR | SB 1-220-PR | 41 | 29 | 0,3 | 0,3 | 34,9 | 34,9 |
| 711 | AZT_01 | GDV_01 | SB 2 - 142B | SB 2 - 142B | 31 | 18 | 0,61 | 0,61 | 37,3 | 37,3 |
| 712 | CHA_001 | CHA_002 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 41 | 24 | 0,3 | 0,3 | 36,2 | 36,2 |
| 713 | ASH_002 | ASH_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 29 | 56 | 0,3 | 0,3 | 36,2 | 36,2 |
| 714 | ASH_003 | ASH_002 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 20 | 29 | 0,3 | 0,3 | 36,2 | 36,2 |
| 715 | M02_006 | AGH_01 | SB 2 - 142B | SB 2 - 142B | 29 | 41 | 0,61 | 0,61 | 37,3 | 37,3 |
| 716 | M02_007 | AGH_01 | SB 1 - 142 | SB 1 - 142 | 29 | 41 | 0,3 | 0,3 | 31,1 | 31,1 |
| 717 | VAG_004 | VAG_001 | SB 1-220-PR | SB 1-220-PR | 29 | 35 | 0,3 | 0,3 | 34,9 | 34,9 |
| 718 | VAG_003 | VAG_001 | SB 1-220-PR | SB 1-220-PR | 30 | 35 | 0,3 | 0,3 | 34,9 | 34,9 |
| 719 | HRA_004 | MIO_005 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 25 | 30 | 0,6 | 0,6 | 37 | 37 |
| 720 | HRA_003 | HRA_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 29 | 38 | 0,6 | 0,6 | 40,5 | 40,5 |
| 721 | HRA_002 | HRA_004 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 36 | 25 | 0,3 | 0,3 | 36,2 | 36,2 |
| 722 | ARA_002 | ARA_003 | SB 2 - 142B | SB 2 - 142B | 29 | 29 | 0,61 | 0,61 | 37,3 | 37,3 |
| 723 | M02_017 | GOR_006 | SB 2-220-PR | SB 2-220-PR | 29 | 15 | 0,61 | 0,61 | 40,1 | 40,1 |
| 724 | GYU_003 | GYU_02 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 56 | 29 | 1,2 | 1,2 | 43 | 43 |
| 725 | GYU_003 | M01_006 | ANT2 1.8 15 HP | ANT2 1.8 15 HP | 56 | 30 | 1,8 | 1,8 | 46,7 | 46,7 |
| 726 | GYU_003 | GYU_03 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 56 | 29 | 1,2 | 1,2 | 43 | 43 |
| 727 | GYU_01 | M01_007 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 29 | 0,6 | 0,6 | 37 | 37 |
| 728 | KAJ_001 | M02_021 | SB 2 - 142B | SU 4 - 142 | 16 | 29 | 0,61 | 1,22 | 37,3 | 42,5 |
| 729 | GOR_006 | M02_020 | SU 4 - 142 | SB 2 - 142B | 15 | 29 | 1,22 | 0,61 | 42,5 | 37,3 |
| 730 | AMA_001 | GYU_003 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 35 | 56 | 1,2 | 1,2 | 43 | 43 |
| 731 | ARA_003 | M02_003 | SB 2 - 142B | SB 2 - 142B | 29 | 18 | 0,61 | 0,61 | 37,3 | 37,3 |
| 732 | ASH_001 | M03_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 32 | 29 | 0,6 | 0,6 | 37 | 37 |
| 733 | GAV_002 | MIO_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 29 | 28 | 0,6 | 0,6 | 40,5 | 40,5 |
| 734 | EGH_002 | VAY_001 | SU 4 - 142 | SU 4 - 142 | 19 | 21 | 1,22 | 1,22 | 42,5 | 42,5 |
| 735 | GOR_002 | GOR_001 | SB 1-220-PR | SB 1-220-PR | 29 | 22 | 0,3 | 0,3 | 34,9 | 34,9 |
| 736 | GOR_006 | GOR_003 | SB 1-220-PR | SB 1-220-PR | 18 | 15 | 0,3 | 0,3 | 34,9 | 34,9 |
| 737 | VRD_001 | MEG_001 | SB 2 - 142B | SB 2 - 142B | 7 | 46 | 0,61 | 0,61 | 37,3 | 37,3 |
| 738 | VAG_005 | ARM_02 | SB 1 - 142 | SB 1 - 142 | 25 | 29 | 0,3 | 0,3 | 31,1 | 31,1 |
| 739 | SPI_003 | SPI_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 23 | 29 | 0,6 | 0,6 | 40,5 | 40,5 |
| 740 | M02_012 | M02_013 | SB 2 - 142B | SB 2 - 142B | 29 | 29 | 0,61 | 0,61 | 37,3 | 37,3 |
| 741 | M01_005 | M01_004 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 35 | 29 | 1,2 | 1,2 | 43 | 43 |
| 742 | M02_004 | M02_005 | SB 2 - 142B | SB 2 - 142B | 29 | 28 | 0,61 | 0,61 | 37,3 | 37,3 |
| 743 | M02_002 | VED_001 | SB 2 - 142B | SB 2 - 142B | 29 | 16 | 0,61 | 0,61 | 37,3 | 37,3 |
| 744 | M02_002 | ARA_002 | SB 2 - 142B | SB 2 - 142B | 29 | 29 | 0,61 | 0,61 | 37,3 | 37,3 |
| 745 | M02_001 | YER_065 | SB 2 - 142B | SB 2 - 142B | 29 | 29 | 0,61 | 0,61 | 37,3 | 37,3 |
| 746 | MAS_001 | MAS_003 | SB 1-220-PR | SB 1-220-PR | 23 | 23 | 0,3 | 0,3 | 34,9 | 34,9 |
| 747 | MAS_002 | MAS_001 | SB 1-220-PR | SB 1-220-PR | 25 | 23 | 0,3 | 0,3 | 34,9 | 34,9 |
| 748 | M11_001 | M11_002 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 29 | 29 | 1,2 | 1,2 | 43 | 43 |
| 749 | M10_004 | M10_003 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 29 | 0,6 | 0,6 | 37 | 37 |
| 750 | M10_002 | GAV_003 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 28 | 29 | 0,6 | 0,6 | 40,5 | 40,5 |

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|-----|---------|---------|-----------------|-----------------|------|------|------|------|------|------|
| 751 | M01_002 | M03_001 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 29 | 29 | 1.2 | 1.2 | 43 | 43 |
| 752 | M01_004 | M05_001 | ANT2 1.8 15 HP | ANT2 1.8 15 HP | 29 | 41 | 1.8 | 1.8 | 46.7 | 46.7 |
| 753 | M01_005 | M01_006 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 35 | 30 | 1.2 | 1.2 | 43 | 43 |
| 754 | M06_005 | CHK_001 | ANT2 1.2 15 HP | ANT2 1.8 15 HP | 29 | 30 | 1.2 | 1.8 | 43 | 46.7 |
| 755 | M06_004 | CHK_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7 | 30 | 0.6 | 0.6 | 40.5 | 40.5 |
| 756 | M04_002 | HRA_004 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 41 | 25 | 1.2 | 1.2 | 43 | 43 |
| 757 | M04_001 | ABO_003 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 29 | 0.6 | 0.6 | 37 | 37 |
| 758 | M03_006 | GUL_01 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 42 | 29 | 1.2 | 1.2 | 43 | 43 |
| 759 | M03_005 | SPI_002 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 29 | 0.6 | 0.6 | 37 | 37 |
| 760 | KAP_002 | M02_021 | SB 2 - 142B | SB 2 - 142B | 29 | 12 | 0.61 | 0.61 | 37.3 | 37.3 |
| 761 | DIL_001 | M04_005 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 12 | 0.6 | 0.6 | 37 | 37 |
| 762 | DIL_001 | DIL_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 62 | 34 | 0.6 | 0.6 | 40.5 | 40.5 |
| 763 | M06_002 | CHK_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 41 | 30 | 0.6 | 0.6 | 37 | 37 |
| 764 | M04_008 | IDJ_001 | ANT2 1.8 15 HPX | ANT2 1.8 15 HPX | 43 | 48 | 1.8 | 1.8 | 46.7 | 46.7 |
| 765 | M04_008 | M04_009 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 43 | 41 | 1.2 | 1.2 | 43 | 43 |
| 766 | M04_004 | M04_003 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 41 | 45 | 0.6 | 0.6 | 40.5 | 40.5 |
| 767 | M09_003 | M03_006 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 42 | 0.6 | 0.6 | 37 | 37 |
| 768 | TAS_001 | M03_006 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 29 | 42 | 0.6 | 0.6 | 40.5 | 40.5 |
| 769 | M04_007 | IDJ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 29 | 42 | 0.6 | 0.6 | 40.5 | 40.5 |
| 770 | M09_003 | M09_004 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 41 | 0.6 | 0.6 | 37 | 37 |
| 771 | M06_010 | M06_009 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 41 | 12 | 0.6 | 0.6 | 37 | 37 |
| 772 | M06_007 | M06_008 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 32 | 29 | 0.6 | 0.6 | 37 | 37 |
| 773 | M06_006 | M06_009 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 41 | 12 | 1.2 | 1.2 | 43 | 43 |
| 774 | M06_006 | M06_008 | ANT2 1.2 23 HP | ANT2 1.2 23 HP | 31 | 29 | 1.2 | 1.2 | 46.7 | 46.7 |
| 775 | M06_005 | M06_006 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 41 | 0.6 | 0.6 | 37 | 37 |
| 776 | M06_003 | CHK_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 29 | 30 | 0.3 | 0.6 | 36.2 | 40.5 |
| 777 | M06_001 | M06_002 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 29 | 41 | 0.6 | 0.6 | 37 | 37 |
| 778 | M04_010 | BRD_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 41 | 27 | 0.6 | 0.6 | 37 | 37 |
| 779 | M04_009 | M04_010 | SU 4 - 142 | SB 2 - 142B | 41 | 41 | 1.22 | 0.61 | 42.5 | 37.3 |
| 780 | M04_006 | IDJ_001 | ANT2 1.2 15 HP | ANT2 0.6 15 HP | 41 | 48 | 1.2 | 0.6 | 43 | 37 |
| 781 | HRT_001 | M03_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 29 | 29 | 0.6 | 0.6 | 40.5 | 40.5 |
| 782 | ALA_001 | M06_006 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 35 | 41 | 0.6 | 0.6 | 40.5 | 40.5 |
| 783 | M06_006 | NOY_001 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 41 | 62 | 1.2 | 1.2 | 43 | 43 |
| 784 | YRJ_001 | SGK_001 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 5 | 5 | 0.3 | 0.3 | 32.1 | 32.1 |
| 785 | JRP_001 | ISA_001 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 786 | KAJ_002 | KAJ_004 | SB 1-220-PR | SB 1-220-PR | 32 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 787 | KAP_003 | KAP_009 | SB 1-220-PR | SB 2-220-PR | 24 | 6 | 0.3 | 0.61 | 34.9 | 40.1 |
| 788 | LNJ_001 | M02_005 | SB 1-220-PR | SB 1-220-PR | 6 | 24 | 0.3 | 0.3 | 34.9 | 34.9 |
| 789 | M01_005 | M01_008 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 790 | M01_007 | M01_009 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 20 | 9 | 0.3 | 0.3 | 36.2 | 36.2 |
| 791 | M03_006 | TAS_REG | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 7 | 6 | 0.6 | 0.6 | 40.5 | 40.5 |
| 792 | M05_001 | VAG_010 | SB 4-142B | SB 2 - 142B | 5 | 5 | 1.22 | 0.61 | 42.5 | 37.3 |
| 793 | M07_002 | GOG_001 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 5 | 5 | 0.3 | 0.3 | 32.1 | 32.1 |
| 794 | M09_001 | VAN_009 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 19 | 25 | 0.6 | 0.6 | 37 | 37 |
| 795 | M10_002 | MTN_REG | ANT2 1.8 15 HP | ANT2 1.8 15 HP | 35 | 5 | 1.8 | 1.8 | 46.7 | 46.7 |
| 796 | M11_001 | EKP_001 | ANT2 0.3 15 HP | ANT2 0.6 15 HP | 15 | 5 | 0.3 | 0.6 | 32.1 | 37 |
| 797 | ACQ_001 | ORG_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 30 | 0.3 | 0.3 | 36.2 | 36.2 |
| 798 | MOB_003 | KRB_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 6.75 | 0.6 | 0.6 | 40.5 | 40.5 |
| 799 | ZAR_001 | ABO_003 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 800 | MOB_012 | M10_005 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 10 | 25 | 0.3 | 0.3 | 32.1 | 32.1 |
| 801 | MRM_001 | YER_226 | SB 2 - 142B | SB 2 - 142B | 16 | 20 | 0.61 | 0.61 | 37.3 | 37.3 |
| 802 | MTN_REG | M11_001 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 9 | 6 | 1.2 | 1.2 | 43 | 43 |
| 803 | MVN_002 | YER_086 | SB 1-220-PR | SB 1-220-PR | 20 | 44 | 0.3 | 0.3 | 34.9 | 34.9 |
| 804 | NRK_001 | GMS_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 12 | 7 | 0.6 | 0.6 | 37 | 37 |
| 805 | NSN_001 | SEV_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 15 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 806 | QRG_001 | SAL_001 | SB 1 - 142 | SB 1 - 142 | 5 | 10 | 0.3 | 0.3 | 31.1 | 31.1 |
| 807 | SIS_001 | MOB_001 | SB 1 - 142 | SB 1 - 142 | 155 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 808 | SNH_REG | M06_005 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.6 | 0.3 | 40.5 | 36.2 |
| 809 | TAP_001 | GNV_001 | SB 1-220B | SB 1-220B | 10 | 10 | 0.3 | 0.3 | 35.6 | 35.6 |
| 810 | UZR_003 | UZR_002 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 811 | VAG_006 | VAG_009 | SB 1 - 142 | SB 1 - 142 | 5.62 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 812 | VAG_010 | VAG_002 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 813 | VAG_010 | ATM_001 | SB 1-220B | SB 1-220B | 20 | 20 | 0.3 | 0.3 | 35.6 | 35.6 |

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|-----|-----------|-----------|-----------------|-----------------|------|------|------|------|------|------|
| 814 | VAR_REG | TRF_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 5 | 5 | 0.6 | 0.6 | 37 | 37 |
| 815 | VAR_REG | VAR_002 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 20 | 15 | 0.6 | 0.6 | 37 | 37 |
| 816 | VAR_REG | VAR_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 19 | 0.6 | 0.6 | 40.5 | 40.5 |
| 817 | VAR_REG | SHT_001 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 20 | 10 | 0.6 | 0.6 | 37 | 37 |
| 818 | VAR_REG | KCH_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 20 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 819 | VAR_REG | VAR_003 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 20 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 820 | VAR_REG | M11_002 | ANT2 1.2 15 HP | ANT2 1.2 15 HP | 27 | 12 | 1.2 | 1.2 | 43 | 43 |
| 821 | VBD_001 | JRV_001 | SB 1-220-PR | SB 2-220-PR | 4.57 | 4.57 | 0.3 | 0.61 | 34.9 | 40.1 |
| 822 | VDS_001 | YHN_001 | SB 1-220-PR | SB 1-220-PR | 20 | 13 | 0.3 | 0.3 | 34.9 | 34.9 |
| 823 | YER_001 | YER_267 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 824 | YER_005 | YER_225 | SB 1-220-PR | SB 1-220-PR | 30 | 13 | 0.3 | 0.3 | 34.9 | 34.9 |
| 825 | YER_015 | YER_279 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 826 | YER_053 | YER_169 | SB 1-220-PR | SB 1-220-PR | 29 | 40 | 0.3 | 0.3 | 34.9 | 34.9 |
| 827 | YER_070 | DAT_001 | SB 1-220-PR | SB 1-220-PR | 15 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 828 | YER_086 | YER_020_1 | SB 2-220-PR | SB 1-220-PR | 44 | 30 | 0.61 | 0.3 | 40.1 | 34.9 |
| 829 | YER_088 | YER_284 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 830 | YER_143 | YER_277 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 831 | YER_187 | YER_270 | SB 1 - 142 | SB 1 - 142 | 7.51 | 6 | 0.3 | 0.3 | 31.1 | 31.1 |
| 832 | YER_269 | YER_026 | SB 1 - 142 | SB 1 - 142 | 5 | 6.78 | 0.3 | 0.3 | 31.1 | 31.1 |
| 833 | YER_323 | YER_141 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 834 | GYU_007 | AZN_001 | ANT2 0.6 15 HPX | ANT2 0.6 15 HPX | 14 | 5 | 0.6 | 0.6 | 37 | 37 |
| 835 | GYU_007 | GYU_014 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 25 | 15 | 0.3 | 0.3 | 36.2 | 36.2 |
| 836 | ALV_001 | SHI_002 | SB 4-142B | SB 4-142B | 5 | 5 | 1.22 | 1.22 | 42.5 | 42.5 |
| 837 | NBS_001 | DKT_001 | SB 1 - 142 | SB 1 - 142 | 15 | 15 | 0.3 | 0.3 | 31.1 | 31.1 |
| 838 | FLT_001 | LMN_001 | ANT2 1.2 15 HP | ANT2 0.6 15 HP | 5 | 5 | 1.2 | 0.6 | 43 | 37 |
| 839 | GYU_005 | GYU_029 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 840 | VNS_001 | SSV_001 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 841 | M02_022 | VRD_001 | SB 2 - 142B | SU 4 - 142 | 15 | 10 | 0.61 | 1.22 | 37.3 | 42.5 |
| 842 | TSL_001 | HTG_001 | SB 2 - 142B | SB 2 - 142B | 5 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 843 | MSK_001 | HTS_001 | SB 1 - 142 | SB 2 - 142B | 5 | 5 | 0.3 | 0.61 | 31.1 | 37.3 |
| 844 | NRN_001 | NRN_003 | SB 1 - 142 | SB 1 - 142 | 5 | 5 | 0.3 | 0.3 | 31.1 | 31.1 |
| 845 | NSN_001 | MIO_002 | ANT2 1.2 15 HP | ANT2 0.6 15 HP | 10 | 25 | 1.2 | 0.6 | 43 | 37 |
| 846 | HRS_MW | HRS_001 | SB 4-142B | SB 2 - 142B | 5 | 10 | 1.22 | 0.61 | 42.5 | 37.3 |
| 847 | SAL_001 | HRS_MW | SB 4-142B | SB 4-142B | 10 | 5 | 1.22 | 1.22 | 42.5 | 42.5 |
| 848 | BAL_001 | L26_002 | ANT2 0.3 80 HPX | ANT2 0.3 80 HPX | 5 | 5 | 0.3 | 0.3 | 46 | 46 |
| 849 | VND_001 | TLV_001 | SB 2 - 142B | SB 2 - 142B | 10 | 10 | 0.61 | 0.61 | 37.3 | 37.3 |
| 850 | ARM_04 | ARD_001 | SB 2 - 142B | SB 2 - 142B | 25 | 16 | 0.61 | 0.61 | 37.3 | 37.3 |
| 851 | IDJ_003 | IDJ_008 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 29 | 15 | 0.3 | 0.3 | 36.2 | 36.2 |
| 852 | KAP_002 | KAP_010 | SB 2-220-PR | SB 2-220-PR | 20 | 22 | 0.61 | 0.61 | 40.1 | 40.1 |
| 853 | MGZ_001 | MGZ_002 | ANT2 0.3 15 HP | ANT2 0.3 15 HP | 5 | 5 | 0.3 | 0.3 | 32.1 | 32.1 |
| 854 | MTN_REG | MTN_003 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 10 | 15 | 0.6 | 0.6 | 37 | 37 |
| 855 | YER_020_1 | YER_305 | SB 1-220-PR | SB 1-220-PR | 30 | 22 | 0.3 | 0.3 | 34.9 | 34.9 |
| 856 | YER_172 | YER_344 | SB 1-220-PR | SB 1-220-PR | 21 | 22 | 0.3 | 0.3 | 34.9 | 34.9 |
| 857 | SUS_001 | ZRJ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 25 | 15 | 0.6 | 0.6 | 40.5 | 40.5 |
| 858 | ART_001 | ART_007 | SB 1-220-PR | SB 1-220-PR | 25 | 25 | 0.3 | 0.3 | 34.9 | 34.9 |
| 859 | GYU_004 | GYU_030 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 10 | 0.3 | 0.3 | 36.2 | 36.2 |
| 860 | KAP_006 | KAP_011 | SB 1-220-PR | SB 1-220-PR | 5 | 32 | 0.3 | 0.3 | 34.9 | 34.9 |
| 861 | KTI_001 | KTI_002 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 862 | AGH_01 | MOB_009 | SB 2-220-PR | SB 2-220-PR | 20 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 863 | YER_083 | YER_308 | SB 1-220-PR | SB 1-220-PR | 11 | 45 | 0.3 | 0.3 | 34.9 | 34.9 |
| 864 | YER_083 | YER_337 | SB 1-220-PR | SB 1-220-PR | 11 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 865 | YER_205 | YER_338 | SB 1-220-PR | SB 1-220-PR | 5 | 34 | 0.3 | 0.3 | 34.9 | 34.9 |
| 866 | YER_039 | YER_339 | SB 1-220-PR | SB 1-220-PR | 5 | 22 | 0.3 | 0.3 | 34.9 | 34.9 |
| 867 | YER_031 | YER_340 | SB 1-220-PR | SB 1-220-PR | 32 | 23 | 0.3 | 0.3 | 34.9 | 34.9 |
| 868 | ABO_005 | ABO_011 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 38 | 0.3 | 0.3 | 36.2 | 36.2 |
| 869 | ABO_003 | ABO_012 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 10 | 22 | 0.3 | 0.3 | 36.2 | 36.2 |
| 870 | IDJ_003 | IDJ_009 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 29 | 20 | 0.3 | 0.3 | 36.2 | 36.2 |
| 871 | IDJ_001 | IDJ_009 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 44 | 30 | 0.6 | 0.6 | 40.5 | 40.5 |
| 872 | GYU_007 | GYU_016 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 25 | 25 | 0.6 | 0.6 | 40.5 | 40.5 |
| 873 | YER_020 | MSL_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 30 | 20 | 0.3 | 0.3 | 36.2 | 36.2 |
| 874 | HER_001 | VDH_003 | SB 2 - 142B | SB 2 - 142B | 10 | 8 | 0.61 | 0.61 | 37.3 | 37.3 |
| 875 | IDJ_001 | YNQ_002 | ANT2 0.6 15 HP | ANT2 0.6 15 HP | 16 | 16 | 0.6 | 0.6 | 37 | 37 |
| 876 | M04_002 | AZK_001 | ANT2 1.2 15 HP | ANT2 0.6 15 HP | 5 | 5 | 1.2 | 0.6 | 43 | 37 |

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|-----|---------|---------|----------------|----------------|---------|---------|------|------|-------|-------|
| 877 | KAP_009 | GGN_001 | SB 1 - 142 | SB 1 - 142 | 5 | 7 | 0.3 | 0.3 | 31.1 | 31.1 |
| 878 | M02_016 | KHO_001 | SB 2 - 142B | SB 2 - 142B | 25 | 5 | 0.61 | 0.61 | 37.3 | 37.3 |
| 879 | YER_084 | YER_349 | SB 1-220-PR | SB 1-220-PR | 29 | 10 | 0.3 | 0.3 | 34.9 | 34.9 |
| 880 | YER_051 | YER_363 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 881 | M06_011 | DBD_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 15 | 5 | 0.3 | 0.6 | 36.2 | 40.5 |
| 882 | M12_002 | M12_006 | SB 1-220-PR | SB 1-220-PR | 5 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 883 | SAS_001 | SAS_002 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 884 | SEV_005 | MOB_010 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 885 | YER_250 | YER_231 | SB 1-220-PR | SB 1-220-PR | 5 | 29 | 0.3 | 0.3 | 34.9 | 34.9 |
| 886 | NOY_001 | KGB_002 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 20 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 887 | LHV_MW | M02_024 | SB 1-220-PR | SB 2-220-PR | 5 | 5 | 0.3 | 0.61 | 34.9 | 40.1 |
| 888 | LHV_MW | AGK_005 | SB 2-220-PR | SB 2-220-PR | 5 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 889 | LHV_MW | VHR_001 | SB 1-220-PR | SB 1-220-PR | 10 | 5 | 0.3 | 0.3 | 34.9 | 34.9 |
| 890 | YER_122 | YER_377 | SB 1-220-PR | SB 1-220-PR | 30 | 47 | 0.3 | 0.3 | 34.9 | 34.9 |
| 891 | QSN_001 | TND_001 | SB 2-220-PR | SB 2-220-PR | 8 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 892 | YER_010 | YER_373 | SB 1-220-PR | SB 1-220-PR | 40 | 40 | 0.3 | 0.3 | 34.9 | 34.9 |
| 893 | NOY_002 | NOY_003 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 5 | 10 | 0.3 | 0.6 | 36.2 | 40.5 |
| 894 | NKA_001 | AGP_001 | ANT2 0.3 23 HP | ANT2 0.6 23 HP | 5 | 15 | 0.3 | 0.6 | 36.2 | 40.5 |
| 895 | TND_001 | TND_002 | SB 1-220B | SB 1-220B | 5 | 5 | 0.3 | 0.3 | 35.6 | 35.6 |
| 896 | DOV_001 | KHN_001 | SB 2-220-PR | SB 2-220-PR | 5 | 5 | 0.61 | 0.61 | 40.1 | 40.1 |
| 897 | DIL_002 | DIL_010 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.3 | 0.3 | 36.2 | 36.2 |
| 898 | M06_008 | TGH_002 | ANT2 0.6 23 HP | ANT2 0.3 23 HP | 5 | 5 | 0.6 | 0.3 | 40.5 | 36.2 |
| 899 | YER_027 | YER_387 | SB 1-220B | SB 1-220B | 45 | 37 | 0.3 | 0.3 | 35.6 | 35.6 |
| 900 | YER_001 | YER_386 | SB 1-220-PR | SB 1-220-PR | 18 | 40 | 0.3 | 0.3 | 34.9 | 34.9 |
| 901 | YER_248 | YER_381 | SB 1-220-PR | SB 1-220-PR | 5 | 14 | 0.3 | 0.3 | 34.9 | 34.9 |
| 902 | GRG_001 | PUS_001 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 25 | 15 | 0.3 | 0.3 | 36.2 | 36.2 |
| 903 | YER_065 | NUB_003 | SB 1-220-PR | SB 1-220-PR | 22 | 20 | 0.3 | 0.3 | 34.9 | 34.9 |
| 904 | YER_256 | YER_389 | SB 1-220B | SB 1-220B | 5 | 5 | 0.3 | 0.3 | 35.6 | 35.6 |
| 905 | AGT_003 | AGT_004 | SB 1-220B | SB 1-220B | 9 | 9 | 0.3 | 0.3 | 35.6 | 35.6 |
| 906 | YER_169 | YER_335 | SB 1-220B | SB 1-220B | 29 | 20 | 0.3 | 0.3 | 35.6 | 35.6 |
| 907 | YER_169 | YER_035 | SB 1-220B | SB 1-220B | 31 | 29 | 0.3 | 0.3 | 35.6 | 35.6 |
| 908 | YER_169 | YER_394 | SB 1-220B | SB 1-220B | 29 | 17 | 0.3 | 0.3 | 35.6 | 35.6 |
| 909 | M05_001 | ALC_001 | SB 1-220B | SB 1-220B | 20 | 20 | 0.3 | 0.3 | 35.6 | 35.6 |
| 910 | ARM_01 | JRN_001 | SB 1-220B | SB 1-220B | 20 | 15 | 0.3 | 0.3 | 35.6 | 35.6 |
| 911 | EGH_002 | GET_001 | SB 1-220B | SB 1-220B | 10 | 10 | 0.3 | 0.3 | 35.6 | 35.6 |
| 912 | HTG_001 | GKT_001 | SB 1-220B | SB 1-220B | 25 | 12 | 0.3 | 0.3 | 35.6 | 35.6 |
| 913 | AZP_001 | AZP_002 | SB 1-220B | SB 1-220B | 20 | 17 | 0.3 | 0.3 | 35.6 | 35.6 |
| 914 | IDJ_004 | YNQ_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 5 | 5 | 0.6 | 0.6 | 40.5 | 40.5 |
| 915 | YER_006 | YER_168 | SB 1-220-PR | SB 1-220-PR | 36 | 15 | 0.3 | 0.3 | 34.9 | 34.9 |
| 916 | M12_003 | M12_004 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 40.16 | 34.12 | 0.3 | 0.3 | 36.2 | 36.2 |
| 917 | VDH_003 | GEK_001 | SB 1-220-PR | SB 1-220-PR | 2451.14 | 2320.82 | 0.30 | 0.30 | 34.90 | 34.90 |
| 918 | YER_025 | YER_388 | SB 1-220B | SB 1-220B | 1240 | 1279.16 | 0.30 | 0.30 | 35.60 | 35.60 |
| 919 | GET_01 | HYN_001 | SB 1-220B | SB 1-220B | 839.29 | 838.67 | 0.30 | 0.30 | 35.60 | 35.60 |
| 920 | YER_027 | YER_404 | SB 1-220B | SB 1-220B | 1398.96 | 1364.94 | 0.30 | 0.30 | 35.60 | 35.60 |
| 921 | GYU_005 | GYU_008 | ANT2 0.3 23 HP | ANT2 0.3 23 HP | 1540.47 | 1551.65 | 0.30 | 0.30 | 36.20 | 36.20 |
| 922 | EGH_002 | EGH_004 | SB 1-220-PR | SB 1-220-PR | 1294.91 | 1229.19 | 0.30 | 0.30 | 34.90 | 34.90 |
| 923 | YER_027 | YER_393 | SB 1-220B | SB 1-220B | 1398.96 | 1415.52 | 0.30 | 0.30 | 35.60 | 35.60 |
| 924 | YER_004 | YER_333 | SB 1-220B | SB 1-220B | 1010.9 | 1013.25 | 0.30 | 0.30 | 35.60 | 35.60 |
| 925 | YER_032 | YER_399 | SB 1-220B | SB 1-220B | 1298.5 | 1314.83 | 0.30 | 0.30 | 35.60 | 35.60 |
| 926 | YER_027 | YER_405 | SB 1-220B | SB 1-220B | 1398.96 | 1384.4 | 0.30 | 0.30 | 35.60 | 35.60 |
| 927 | ARM_003 | ARM_012 | SB 1-220B | SB 1-220B | 873.72 | 875.49 | 0.30 | 0.30 | 35.60 | 35.60 |
| 928 | ARM_004 | ARM_010 | SB 1-220B | SB 1-220B | 863.5 | 863.9 | 0.30 | 0.30 | 35.60 | 35.60 |
| 929 | AGS_001 | KAN_001 | SB 1-220B | SB 1-220B | 868 | 879.99 | 0.30 | 0.30 | 35.60 | 35.60 |
| 930 | YER_169 | YER_406 | SB 1-220B | SB 1-220B | 1265.68 | 1242.58 | 0.30 | 0.30 | 35.60 | 35.60 |
| 931 | KHP_001 | AZA_001 | SB 1-220B | SB 1-220B | 849.95 | 863.7 | 0.30 | 0.30 | 35.60 | 35.60 |
| 932 | YER_381 | YER_319 | SB 1-220B | SB 2-220-PR | 1284.7 | 1216.58 | 0.30 | 0.61 | 35.60 | 40.10 |
| 933 | VBD_001 | MOB_007 | SB 1-220B | SB 1-220B | 1683.76 | 1598.84 | 0.30 | 0.30 | 35.60 | 35.60 |
| 934 | YER_123 | YER_419 | SB 1-220B | SB 1-220B | 1161.5 | 1134.23 | 0.30 | 0.30 | 35.60 | 35.60 |
| 935 | YER_010 | YER_421 | SB 1-220B | SB 1-220B | 1107.33 | 1090.46 | 0.30 | 0.30 | 35.60 | 35.60 |
| 936 | SHA_001 | DST_001 | SB 1-220B | SB 1-220B | 930.03 | 945.13 | 0.30 | 0.30 | 35.60 | 35.60 |
| 937 | YER_147 | YER_407 | SB 1-220B | SB 1-220B | 956.09 | 946.82 | 0.30 | 0.30 | 35.60 | 35.60 |
| 938 | YER_247 | YER_426 | SB 1-220B | SB 1-220B | 1292.28 | 1325.47 | 0.30 | 0.30 | 35.60 | 35.60 |
| 939 | YER_381 | YER_431 | SB 1-220B | SB 1-220B | 1284.7 | 1212.06 | 0.30 | 0.30 | 35.60 | 35.60 |
| 940 | TEG_001 | MOB_005 | SB 2-220-PR | SB 2-220-PR | 1336.83 | 1073.1 | 0.61 | 0.61 | 40.10 | 40.10 |
| 941 | CHK_001 | DBT_001 | ANT2 0.6 23 HP | ANT2 0.6 23 HP | 1522.33 | 1055.5 | 0.60 | 0.60 | 40.50 | 40.50 |

5. Կարգավորվող անձը պարտավոր է ռադիոհաճախականություններն օգտագործել այնպես, որ վնասակար ազդեցություն չունենա այլ անձանց ռադիոհաճախականության օրինական օգտագործման վրա:
6. Կարգավորվող անձը պարտավոր է իր գործունեությունը իրականացնել «Էլեկտրոնային հաղորդակցության մասին» օրենքի, Հանձնաժողովի ընդունած իրավական ակտերի, Թույլտվության պայմանների և այլ իրավական ակտերի համաձայն:
7. Թույլտվությունը չի կարող օգտագործման տրվել այլ անձանց, օտարվել կամ գրավադրվել՝ բացառությամբ օրենքով սահմանված դեպքերի:
8. Թույլտվության գործողությունը չի տարածվում Կարգավորվող անձի հետ համատեղ, այդ թվում՝ համատեղ գործունեության պայմանագրով գործունեություն իրականացնող այլ անձանց, ինչպես նաև Կարգավորվող անձի մասնակցությամբ հիմնադրված կամ գործող իրավաբանական անձանց վրա:
9. Կարգավորվող անձը պարտավոր է Հայաստանի Հանրապետության օրենսդրությանն համապատասխան ապահովել իրեն կողմից շահագործվող Հանրային էլեկտրոնային հաղորդակցության ցանցի հուսալիությունն ու անվտանգությունը:
10. Կարգավորվող գործունեության հաշվապահական հաշվառումը և հաշվետվությունը պետք է համապատասխանեն Հայաստանի Հանրապետության օրենսդրության և Հանձնաժողովի կողմից սահմանված իրավական ակտերի պահանջներին:
11. Կարգավորվող անձը պարտավոր է վարել լիցենզավորված գործունեության առանձնացված հաշվապահական հաշվառում:
12. Կարգավորվող անձը պարտավոր է Թույլտվությունն ուժի մեջ մտնելու պահից եռամսյա ժամկետում Հանձնաժողով ներկայացնել կապի գծով քաղաքա-շինության փաստաթղթերի մշակման լիցենզիա ունեցող անձանց կողմից մշակված անլար հասանելիության լայնաշերտ ցանցի տեխնիկական նախագիծը՝ երկու օրինակից: Տեխնիկական նախագիծը պետք է համապատասխանի Հանձնաժողովի 2009 թվականի փետրվարի 18-ի «Հայաստանի Հանրապետության հանրային ծառայությունները կարգավորող հանձնա-

ժողով ներկայացվող հանրային էլեկտրոնային հաղորդակցության ցանցի տեխնիկական նախագծում ընդգրկվող փաստաթղթերի ցանկը հաստատելու մասին» №30Ն որոշմանը:

13. Թույլտվության պայմանների 12-րդ կետով նախատեսված տեխնիկական նախագծի ներկայացումից հետո Թույլտվության պայմանները կարող են փոփոխվել:
14. Կարգավորվող անձը պարտավոր է Թույլտվության պայմանների 4-րդ կետում նշված որևէ տեխնիկական ցուցանիշի փոփոխության դեպքում եռամսյա ժամկետում Հանձնաժողով ներկայացնել կապի գծով քաղաքաշինության փաստաթղթերի մշակման լիցենզիա ունեցող անձանց կողմից մշակված անլար հասանելիության լայնաշերտ ցանցի տեխնիկական նախագիծը՝ երկու օրինակից:
15. Կարգավորվող անձի բաժնեմասի (բաժնետոմսի, փայի) նկատմամբ իրավունքի օտարում կամ այլ կերպ փոխանցում կամ զիջում կամ գրավադրում կամ այդ անձի գործունեությունն ուղղակիորեն կամ անուղղակիորեն կանխորոշելու հնարավորություն ունեցող անձի փոփոխություն կարող է իրականացվել միայն Հանձնաժողովի համաձայնությունը Կարգավորվող անձի կողմից ստանալուց հետո:
16. Կարգավորվող անձը պարտավոր է ապահովել Թույլտվությամբ հատկացված ռադիոհաճախականությունների հատվածների արդյունավետ օգտագործումը:
17. Կարգավորվող անձը պարտավոր է Հանձնաժողով ներկայացնել իր մոտ անցկացված՝ Հանձնաժողովի կողմից կարգավորվող գործունեությանն առնչվող աուդիտորական կամ իրավասու մարմինների ստուգման եզրակացությունները և արձանագրությունները (ակտերը)՝ համապատասխան գործողությունների ավարտից հետո 10-օրյա ժամկետում:
18. Կարգավորվող անձը պարտավոր է իր վերակազմակերպման կամ անվանափոխման, կամ գտնվելու վայրի փոփոխման դեպքում այդ փոփոխությունների իրավական ուժ ստանալու օրվանից սկսած 15-օրյա

ժամկետում այդ մասին տեղեկացնել Հանձնաժողովին՝ կցելով նշված տեղեկությունները հավաստող համապատասխան փաստաթղթերը:

19. Կարգավորվող անձը պարտավոր է ազգային անվտանգության մարմինների պահանջով իր ապարատային միջոցների կազմում ընդգրկել լրացուցիչ սարքավորումներ և ծրագրային միջոցներ, ինչպես նաև անհրաժեշտ պայմաններ ստեղծել ազգային անվտանգության մարմինների կողմից օպերատիվ-տեխնիկական միջոցառումներ անցկացնելու համար:
20. Կարգավորվող անձը պարտավոր է օրենքով նախատեսված դեպքերում և կարգով ապահովել իրավապահ և ազգային անվտանգության աշխատակիցների մուտքը հաղորդակցության սարքավորումներին, ենթակառուցվածքներին, միացնող-անջատող, ուղղորդող և նմանատիպ այլ սարքերին, ներառյալ՝ գաղտնալսումների իրականացման համար անհրաժեշտ սարքերին:
21. Կարգավորվող անձը՝ Հանձնաժողովի կողմից սահմանված կարգին և ձևերին համապատասխան, պարտավոր է իր գործունեության մասին տեղեկատվություն ներկայացնել Հանձնաժողով:
22. Կարգավորվող անձը պատասխանատվություն է կրում իր գործունեության մասին Հանձնաժողով ներկայացրած տեղեկատվության հավաստիության համար:
23. Կարգավորվող անձի՝ Հանձնաժողով ներկայացրած տեղեկատվությունը հրապարակային է, եթե այն Կարգավորվող անձի կողմից չի համարվում գաղտնի և նշված չէ որպես «գաղտնապահական տեղեկատվություն»: Կարգավորվող անձն իրավունք ունի ներկայացնել փաստարկներ և հիմնավորումներ՝ ապացուցելու համար, որ իր ներկայացրած տվյալների (ներառյալ՝ «գաղտնապահական տեղեկատվությունը») հրապարակումը կարող է վնասել իր գործունեության շահերին: Հանձնաժողովն իրավասու է ընդունել կամ մերժել նման տեղեկատվության չհրապարակման վերաբերյալ Կարգավորվող անձի խնդրանքը:

24. Կարգավորվող անձը պարտավոր է հնարավորինս սեղմ ժամկետում Հանձնաժողով հայտնել այն հանգամանքների մասին, որոնք հանգեցրել կամ կարող են հանգեցնել Թույլտվության պայմանների խախտման:
25. Կարգավորվող անձն իր գործունեության իրականացման ընթացքում պետք է ղեկավարվի Հայաստանի Հանրապետության օրենսդրության պահանջներով, հանձնաժողովի ընդունած և այլ իրավական ակտերով:

5. Գործունեության վերահսկում

26. Թույլտվության պայմանների կատարման կամ պահպանման վերահսկումն իրականացնում է Հանձնաժողովը:
27. Թույլտվության պայմանների կատարման կամ պահպանման վերահսկումն ապահովելու նպատակով Հանձնաժողովը կամ նրա լիազոր ներկայացուցիչներն իրավունք ունեն անարգել մուտք գործել Կարգավորվող անձի տարածք: Վերահսկումն իրականացնելու ընթացքում Կարգավորվող անձը պարտավոր է աջակցել Հանձնաժողովին:
28. Հանձնաժողովն անհրաժեշտության դեպքում իր կողմից սահմանված կարգով և ժամկետներում, իրավունք ունի իրականացնելու Թույլտվության պայմանների պահպանման ուսումնասիրություն և Հանձնաժողով ներկայացված տեղեկատվության հավաստիության ստուգում:

6. Պատժամիջոցներ

29. Կարգավորվող անձի կողմից «Էլեկտրոնային հաղորդակցության մասին» օրենքի, Հանձնաժողովի ընդունած իրավական ակտերի պահանջները կամ Թույլտվության պայմանները չկատարելու, ոչ պատշաճ կատարելու կամ խախտելու դեպքում Հանձնաժողովն իրավասու է իր կողմից սահմանված կարգով կիրառել հետևյալ պատժամիջոցները՝
- 1) տույժերի և տուգանքների կիրառում,
 - 2) Թույլտվության փոփոխում,
 - 3) Թույլտվության կասեցում,
 - 4) Թույլտվության գործողության դադարեցում:

30. Կարգավորվող անձը Թույլտվության 29-րդ կետի համաձայն չի ենթարկվում պատասխանատվության, եթե նրա գործունեության մեջ արձանագրված խախտումները Ֆորս մաժորի հետևանք են:

8. Ծանուցում

31. Սույն Թույլտվության պայմաններով նախատեսված իրազեկումը, այդ թվում փաստաթղթերի հանձնումը, կատարվում է օրենքով սահմանված կարգով և ժամկետներում:»: