# DIN EN 17531:2022-10 (E)

## Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

## Contents

Page


European foreword ..... 6

Introduction ..... 7

1 Scope ..... 8

2 Normative references ..... 8

3 Terms and definitions ..... 8

4 Symbols and Abbreviated Terms ..... 8

5 Clause title, e.g. Paragraphs and Lists ..... 9
5.1 General ..... 9
5.2 Reporting Model ..... 9
5.3 Data Transport Security ..... 9
5.4 Model for Funds Movement ..... 10
5.5 Periodic and Near-Real-Time Reports ..... 11
5.6 Reporting Requirements ..... 13

6 Common Data Types ..... 14
6.1 Complex Data Types ..... 14
6.2 Simple Data Types ..... 19

7 Constructing Document Files for Reporting ..... 26
7.1 Introduction ..... 26
7.2 File Naming Convention ..... 27
7.3 XML Document Structure ..... 27
7.4 Document Types ..... 29
7.5 Simple Data Types ..... 34

8 Reporting on Player Registration ..... 35
8.1 Introduction ..... 35
8.2 Periodic & Near-Real-Time Reports ..... 35
8.3 Complex Data Types ..... 37
8.4 Simple Data Types ..... 47

9 Reporting on Player Wallets ..... 53
9.1 Introduction ..... 53
9.2 Funds Movement Model ..... 53
9.3 Periodic & Near-Real-Time Reports ..... 54
9.4 Player Activities ..... 56
9.5 Complex Data Types ..... 59
9.6 Simple Data Types ..... 60

10 Reporting on Jackpots ..... 62
10.1 Introduction ..... 62
10.2 Funds Movement Model ..... 62
10.3 Periodic & Near-Real-Time Reports ..... 63
10.4 Jackpot Activities ..... 70
10.5 Complex Data Types ..... 72

10.6 Simple Data Types ..... 74

11 Reporting on Online Games ..... 76
11.1 Introduction ..... 76
11.2 Game Organization ..... 78
11.3 Periodic & Near-Real-Time Reports ..... 78
11.4 Complex Data Types ..... 95
11.5 Simple Data Types ..... 97

12 Reporting on Online Casino Games ..... 98
12.1 Overview ..... 98
12.2 Game Organization ..... 98
12.3 Usage Conventions ..... 99
12.4 Funds Movement Model ..... 99
12.5 Other Metrics ..... 100
12.6 Game Configuration Detail (gameConfigDetail) ..... 100
12.7 Game Activity Detail (gameActivityDetail) ..... 102
12.8 Game Results Detail (gameResultsDetail) ..... 104
12.9 Game Summary Detail (gameSummaryDetail) ..... 106
12.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 107

13 Reporting on Online Casino Tournaments ..... 108
13.1 Overview ..... 108
13.2 Game Organization ..... 109
13.3 Usage Conventions ..... 109
13.4 Funds Movement Model ..... 110
13.5 Other Metrics ..... 110
13.6 Game Configuration Detail (gameConfigDetail) ..... 111
13.7 Game Activity Detail (gameActivityDetail) ..... 111
13.8 Game Results Detail (gameResultsDetail) ..... 116
13.9 Game Summary Detail (gameSummaryDetail) ..... 117
13.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 118

14 Reporting on Online Fixed-odds Betting ..... 119
14.1 Overview ..... 119
14.2 Game Organization ..... 120
14.3 Usage Conventions ..... 120
14.4 Funds Movement Model ..... 120
14.5 Other Metrics ..... 121
14.6 Game Configuration Detail (gameConfigDetail) ..... 121
14.7 Game Activity Detail (gameActivityDetail) ..... 121
14.8 Game Results Detail (gameResultsDetail) ..... 135
14.9 Game Summary Detail (gameSummaryDetail) ..... 136
14.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 138
14.11 Complex Data Types ..... 139
14.12 Simple Data Types ..... 139

15 Reporting on Online Betting Exchanges ..... 141
15.1 Overview ..... 141
15.2 Game Organization ..... 142
15.3 Usage Conventions ..... 142
15.4 Funds Movement Model ..... 142
15.5 Other Metrics ..... 143
15.6 Game Configuration Detail (gameConfigDetail) ..... 144
15.7 Game Activity Detail (gameActivityDetail) ..... 144
15.8 Game Results Detail (gameResultsDetail) ..... 153
15.9 Game Summary Detail (gameSummaryDetail) ..... 155
15.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 156
15.11 Complex Data Types ..... 157
15.12 Simple Data Types ..... 157

16 Reporting on Pari-Mutuel Betting ..... 158

16.1 Overview ..... 158
16.2 Game Organization ..... 159
16.3 Usage Conventions ..... 159
16.4 Funds Movement Model ..... 160
16.5 Other Metrics ..... 160
16.6 Game Configuration Detail (gameConfigDetail) ..... 161
16.7 Game Activity Detail (gameActivityDetail) ..... 161
16.8 Game Results Detail (gameResultsDetail) ..... 176
16.9 Game Summary Detail (gameSummaryDetail) ..... 177
16.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 179
16.11 Complex Data Types ..... 180
16.12 Simple Data Types ..... 180

17 Reporting on Online Poker Cash Games ..... 181
17.1 Overview ..... 181
17.2 Game Organization ..... 182
17.3 Usage Conventions ..... 182
17.4 Funds Movement Model ..... 182
17.5 Other Metrics ..... 183
17.6 Game Configuration Detail (gameConfigDetail) ..... 184
17.7 Game Activity Detail (gameActivityDetail) ..... 184
17.8 Game Results Detail (gameResultsDetail) ..... 193
17.9 Game Summary Detail (gameSummaryDetail) ..... 194
17.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 196
17.11 Complex Data Types ..... 197
17.12 Simple Data Types ..... 197

18 Reporting on Online Poker Tournaments ..... 199
18.1 Overview ..... 199
18.2 Game Organization ..... 199
18.3 Usage Conventions ..... 200
18.4 Funds Movement Model ..... 200
18.5 Other Metrics ..... 201
18.6 Game Configuration Detail (gameConfigDetail) ..... 202
18.7 Game Activity Detail (gameActivityDetail) ..... 202
18.8 Game Results Detail (gameResultsDetail) ..... 209
18.9 Game Summary Detail (gameSummaryDetail) ..... 210
18.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 212
18.11 Complex Data Types ..... 213
18.12 Simple Data Types ..... 214

19 Reporting on Online Fantasy (Manager) Games ..... 214
19.1 Overview ..... 214
19.2 Game Organization ..... 215
19.3 Usage Conventions ..... 215
19.4 Funds Movement Model ..... 215
19.5 Other Metrics ..... 216
19.6 Game Configuration Detail (gameConfigDetail) ..... 216
19.7 Game Activity Detail (gameActivityDetail) ..... 217
19.8 Game Results Detail (gameResultsDetail) ..... 222
19.9 Game Summary Detail (gameSummaryDetail) ..... 223
19.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 224

20 Reporting on Online Bingo Games ..... 226
20.1 Overview ..... 226
20.2 Game Organization ..... 226
20.3 Usage Conventions ..... 227
20.4 Funds Movement Model ..... 227
20.5 Other Metrics ..... 228
20.6 Game Configuration Detail (gameConfigDetail) ..... 229
20.7 Game Activity Detail (gameActivityDetail) ..... 229
20.8 Game Results Detail (gameResultsDetail) ..... 236

20.9 Game Summary Detail (gameSummaryDetail) ..... 238
20.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 239

21 Reporting on Online Numbers Games ..... 241
21.1 Overview ..... 241
21.2 Game Organization ..... 242
21.3 Usage Conventions ..... 242
21.4 Funds Movement Model ..... 243
21.5 Other Metrics ..... 243
21.6 Game Configuration Detail (gameConfigDetail) ..... 244
21.7 Game Activity Detail (gameActivityDetail) ..... 244
21.8 Game Results Detail (gameResultsDetail) ..... 257
21.9 Game Summary Detail (gameSummaryDetail) ..... 258
21.10 Game Funds-In-Play Detail (gameInPlayDetail) ..... 260

22 Reporting on Other Activities ..... 261
22.1 Introduction ..... 261
22.2 Periodic & Near-Real-Time Reports ..... 261
22.3 Simple Data Types ..... 269

Bibliography ..... 271