THE ASSOCIATION OF RACING COMMISSIONERS INTERNATIONAL
TOTALISATOR TECHNICAL STANDARDS

Alphabetical Index

Topic	Rule	Title
365 days	3.1	Reporting, Monitoring and Data Retention
48 hours	3.1	Reporting, Monitoring and Data Retention
72 hours	3.6	Reporting, Monitoring and Data Retention

A

Access Control Security	1.4	Peripheral Devises/Systems
Account Activity Log	3.7	Logs
Account Activity Report	3.5	Ad Hoc Reports
Ad Hoc Reports	3.5	Reporting, Monitoring and Data Retention
Amber-Risk Classification System	1.5	Change Control Process
American Institute of Certified Public Accounts (AICPA)	2.2	Internal Control System
Approval for Information Exchange	2.6	Data Transmission Protocols
Approval of a Totalisator Vendor's Wagering System	1.6	Certification & Submission

B

Back Up Device	1.4	Peripheral Devises/Systems
Baseline Envelope	1.1	Purpose, Structure and Definitions
Baseline Envelope	2.6	Data Transmission Protocols
Baseline Hardware	1.1	Purpose, Structure and Definitions
Baseline Network	1.1	Purpose, Structure and Definitions
Baseline Software	1.1	Purpose, Structure and Definitions
Baselines and Interfaces Classification Guide-Diagram	1.5	Change Control Process
Bet Report	3.3	Race-by Race Reports
Business Contingency Plan	2.1	General Management Requirements
Business Continuity	2.7	System Resilience & Integrity

C

Calculating Price Report	3.3	Race-by Race Reports
Cancelled Tickets Report	3.5	Ad Hoc Reports
Cash/Sell System	1.2	General System Requirements
Cash/Sell Terminal/Kiosk	1.4	Peripheral Devises/Systems
Central Processing Location	1.2	General System Requirements
Certification & Submission	1.6	Certification & Submission
Change Control Process	1.1	Purpose, Structure and Definitions,
Change Control Process	1.5	Change Control Process
Commission Requested Reports	3.1	Reporting, Monitoring and Data Retention
Commission's Change Control Process	2.2	Internal Control System
Common Pool Totals	2.5	Totalisator Network
Common Pooling	2.5	Totalisator Network
Communication to Devices outside a Wagering System Baseline Envelope	2.7	System Resilience & Integrity
Communications between Separate Wagering System Baseline Envelopes	2.7	System Resilience & Integrity
Communications within a Wagering System Baseline Envelope	2.7	System Resilience & Integrity
Compliance	2.1	General Management Requirements
Computer Monitoring and Network Management Systems	1.2	General System Requirements
Configuration Changes	1.5	Change Control Process

Configuration Parameter Report ..... 3.2 Pre-Wagering Report
Connection of External Devices to Networks inside a Wagering System Baseline Envelope ..... 2.7 System Resilience & Integrity
Control Workstations/Printers ..... 1.4 Peripheral Devises/Systems

D

Daily Summary Report ..... 3.3 Race-by Race Reports
Data Changes ..... 1.5 Change Control Process
Data Storage Devices ..... 1.4 Peripheral Devises/Systems
Data Transmission Protocols ..... 2.6 Data Transmission Protocols
Demilitarized Zone (DMZ) ..... 1.1 Purpose, Structure and Definitions
Device-to-Tote Network ..... 2.5 Totalisator Network
Device-to-Tote network ..... 2.6 Data Transmission Protocols
Direct Control Device ..... 1.1 Purpose, Structure and Definitions
Direct Control Devices ..... 1.4 Peripheral Devises/Systems
Disaster Recovery ..... 2.7 System Resilience & Integrity
Dumb Devices ..... 1.4 Peripheral Devises/Systems

E

Emergency Changes to System ..... 1.5 Change Control Process
Emergency Procedures ..... 2.7 System Resilience & Integrity
End-of-Day Reports ..... 3.4 Reporting, Monitoring and Data Retention
Evaluation and Assessment for Compliance ..... 1.6 Certification & Submission
Exchange Rate Report ..... 3.5 Ad Hoc Reports

F

Firewall ..... 2.5 Totalisator Network
Firewall ..... 2.7 System Resilience & Integrity
Functionality and Recoverability of a Device ..... 1.4 Peripheral Devises/Systems

G

General Management Requirements ..... 2.1 General Management Requirements
General Requirements-Peripheral Devices ..... 1.4 Peripheral Devises/Systems
General Requirements-Personnel ..... 2.3 Personnel Requirements
General Requirements-Reporting & Monitoring ..... 3.1 Reporting, Monitoring and Data Retention
General Requirements-System ..... 1.2 General System Requirements
General System Requirements ..... 1.2 General System Requirements
Green-Risk Classification System ..... 1.5 Change Control Process

H

Hardware Baseline ..... 1.3 System Baseline
Hardware Requirements ..... 1.2 General System Requirements
Hardware Security ..... 1.4 Peripheral Devises/Systems
Help Desk ..... 2.5 Totalisator Network

I

Independent Testing Entity ..... 1.6 Certification & Submission
Independent Testing Laboratory (ITL) ..... 1.5 Change Control Process
Independent Testing Laboratory (ITL) ..... 1.1 Purpose, Structure and Definitions
Information to Commission ..... 2.1 General Management Requirements
Inspection Tools ..... 1.3 System Baseline
Intelligent Terminal ..... 1.1 Purpose, Structure and Definitions
Internal Control System ..... 2.2 Internal Control System

Internal Control System ..... 1.6 Certification & Submission
Internal Control Systems (ICS) ..... 1.1 Purpose, Structure and Definitions
Internal Control Systems Document ..... 1.6 Certification & Submission
Internet Connections ..... 2.7 System Resilience & Integrity
Inter-systems Communications ..... 2.5 Totalisator Network
Inter-Tote Systems Protocol ..... 2.5 Totalisator Network
IRS Report ..... 3.4 End-of Day Reports
Independent Testing Lab Certification Recommendation ..... 1.6 Certification & Submission

L

List of Totalisator Personnel ..... 2.3 Personnel Requirements
Live and Scratched Race Animals ..... 2.5 Totalisator Network
Local Area Network (LAN) ..... 1.1 Purpose, Structure and Definitions
Log Printer ..... 1.4 Peripheral Devises/Systems
Logs ..... 3.7 Reporting, Monitoring and Data Retention

M

Manually Cashed Tickets Report ..... 3.5 Ad Hoc Reports
Master Control Terminal ..... 1.4 Peripheral Devises/Systems
Money Room Report ..... 3.1 Reporting, Monitoring and Data Retention
Multi-purpose Displays (Tote Board) ..... 1.4 Peripheral Devises/Systems
Mutuel Ticket Information ..... 1.4 Peripheral Devises/Systems

N

Network Balance Report ..... 3.5 Ad Hoc Reports
Network Baseline ..... 1.3 System Baseline
Network Manager ..... 2.3 Personnel Requirements
Network Monitoring Systems ..... 3.1 Reporting, Monitoring and Data Retention
Network Requirements ..... 1.2 General System Requirements
Network Security Document ..... 1.2 General System Requirements
Network Security Document ..... 1.6 Certification & Submission
Network Security Document ..... 2.5 Totalisator Network
Network Security Document ..... 1.1 Purpose, Structure and Definitions
Network Security Document ..... 1.3 System Baseline

O

Odds and Probable Payout ..... 2.5 Totalisator Network
Odds Progression Report ..... 3.5 Ad Hoc Reports
Odds Report ..... 3.2 Pre-Wagering Reports
Official Orders of Finish ..... 2.5 Totalisator Network
Off-line Log ..... 3.7 Logs
Off-Site Processing ..... 2.4 Waiver for Technological Advancement or Off-site Processing
On-line Logs ..... 3.7 Logs
Outstanding Ticket Report ..... 3.5 Ad Hoc Reports
Outstanding Tickets Cashed Report ..... 3.5 Ad Hoc Reports

P

Paper Jams/Paper Out ..... 1.4 Peripheral Devises/Systems
Payout Calculations ..... 2.5 Totalisator Network
Peripheral Devices ..... 2.3 Personnel Requirements
Physical Requirements ..... 1.2 General System Requirements
Pools Offered ..... 2.5 Totalisator Network
Post the Order of Finish ..... 1.4 Peripheral Devises/Systems
Pre-Wagering Reports ..... 3.2 Reporting, Monitoring and Data Retention

Probable Payout Report ..... 3.3 Race-by Race Reports
Prohibition From Wagering ..... 2.3 Personnel Requirements
Purpose, Structure & Definitions ..... 1.1 Purpose, Structure & Definitions

R

Race Information Report ..... 3.2 Pre-Wagering Reports
Race Summary Report ..... 3.3 Race-by Race Reports
Race-by-Race Reports ..... 3.3 Reporting, Monitoring and Data Retention
Random Sampling ..... 1.5 Change Control Process
Real-Time Monitoring ..... 3.8 Wagering Monitoring System
Red-Risk Classification System ..... 1.5 Change Control Process
Remote Device ..... 1.1 Purpose, Structure and Definitions
Remote Devices ..... 1.4 Peripheral Devises/Systems
Remote Site ..... 2.6 Data Transmission Protocols
Report Headings ..... 3.6 Reporting, Monitoring and Data Retention
Reporting ..... 3.1 Reporting, Monitoring and Data Retention
Retention Period ..... 3.1 Reporting, Monitoring and Data Retention
Risk Classification System ..... 1.5 Change Control Process
Risk-based Change Control Process ..... 1.5 Change Control Process

S

Scan Report ..... 3.3 Race-by Race Reports
Scan Report ..... 3.5 Ad Hoc Reports
Scheduled and Emergency Changes ..... 2.2 Internal Control System
Scope of Peripheral Devices & Telecommunications Services ..... 1.4 Peripheral Devises/Systems
Scratch Report ..... 3.3 Race-by Race Reports
Security for Peripheral Devices ..... 1.4 Peripheral Devises/Systems
Security Requirements ..... 1.2 General System Requirements
Smart Devices ..... 1.4 Peripheral Devises/Systems
Software Baseline ..... 1.3 System Baseline
Software Requirements ..... 1.2 General System Requirements
Software Security ..... 1.4 Peripheral Devises/Systems
Software Selection ..... 2.1 General Management Requirements
Software Specialist ..... 2.3 Personnel Requirements
Special Reports ..... 3.6 Reporting, Monitoring and Data Retention
Standardized Track codes ..... 2.5 Totalisator Network
Statement of Audit Standards 70 (SAS 70) ..... 2.2 Internal Control System
Statement on Standards for Attestation Engagements 16 (SSAE 16) ..... 2.2 Internal Control System
Stop Payment Report ..... 3.5 Ad Hoc Reports
Stop Wagering Commands ..... 2.5 Totalisator Network
Stop Wagering Devices ..... 1.4 Peripheral Devises/Systems
Submissions Requirements to Commission ..... 1.6 Certification & Submission
System Backup ..... 2.7 System Resilience & Integrity
System Balance Report ..... 3.4 End-of Day Reports
System Baseline ..... 1.3 System Baseline
System Baseline Auditing Requirements ..... 1.3 System Baseline
System Baseline Document ..... 1.3 System Baseline
System Baseline Document ..... 1.6 Certification & Submission
System Baseline Document ..... 1.1 Purpose, Structure and Definitions
System Changes-Amber ..... 1.5 Change Control Process
System Changes-Green ..... 1.5 Change Control Process
System Changes-Red ..... 1.5 Change Control Process
System Documents ..... 1.6 Certification & Submission
System Error Log ..... 3.7 Logs

System Initialization Report ..... 3.2 Pre-Wagering Reports
System Journal Log ..... 3.7 Logs
System Operations Manual ..... 2.2 Internal Control System
System Requirements ..... 1.2 General System Requirements
System Resilience & Integrity ..... 2.7 System Resilience & Integrity
System Testing Requirements ..... 1.6 Certification & Submission
Systems Analyst ..... 2.3 Personnel Requirements
Systems Development Lifecycle Manual ..... 2.2 Internal Control System

T

Technician ..... 2.3 Personnel Requirements
Technological Advancement ..... 2.4 Waiver for Technological Advancement or Off-site Processing
Telecommunications Services ..... 1.4 Peripheral Devises/Systems
Telecommunications Services ..... 1.1 Purpose, Structure and Definitions
Teller/Cash Terminal Report ..... 3.2 Pre-Wagering Reports
Teller/Wagering Machine History Log ..... 3.7 Logs
Testing Requirements ..... 1.6 Certification & Submission
Ticket and Transaction History Report ..... 3.5 Ad Hoc Reports
Ticket History Log ..... 3.7 Logs
Ticketless Electronic Wagering (E-wagering) ..... 1.4 Peripheral Devises/Systems
Totalisator Network ..... 2.5 Totalisator Network
Totalisator Operations Personnel ..... 2.1 General Management Requirements
Totalisator Operator ..... 2.3 Personnel Requirements
Totalisator Room Security ..... 1.2 General System Requirements
Totalisator Rooms ..... 1.2 General System Requirements
Totalisator Vendor ..... 1.1 Purpose, Structure and Definitions
Tote Board ..... 1.4 Peripheral Devises/Systems
Tote Room Access ..... 1.2 General System Requirements
Tote-to-Tote Network ..... 2.5 Totalisator Network
Tote-to-Tote Network ..... 2.6 Data Transmission Protocols
Training ..... 2.3 Personnel Requirements

U

Unauthorized Software Changes ..... 2.2 Internal Control System
Unique Transaction Serial Number ..... 1.4 Peripheral Devises/Systems
User Terminal Log ..... 3.7 Logs
User Terminals ..... 1.4 Peripheral Devises/Systems

V

Verification Tools ..... 1.2 General System Requirements
Voucher Information ..... 1.4 Peripheral Devises/Systems

W

Wagering Baseline Spreadsheet ..... 1.5 Change Control Process
Wagering Device Balance Report ..... 3.4 End-of Day Reports
Wagering Device Report ..... 3.5 Ad Hoc Reports
Wagering Information Screen Displays ..... 1.4 Peripheral Devises/Systems
Wagering Monitoring System (WMS) ..... 1.1 Purpose, Structure and Definitions
Wagering Monitoring System (WMS) ..... 3.8 Reporting, Monitoring and Data Retention
Wagering Reports ..... 3.1 Reporting, Monitoring and Data Retention
Wagering Summary Report ..... 3.4 End-of Day Reports
Waiver for Off-Site Processing ..... 2.4 Waiver for Technological Advancement or Off-site Processing
Waiver for Technological Advancement ..... 2.4 Waiver for Technological Advancement or Off-site Processing
Wide Area Network (WAN) ..... 1.1 Purpose, Structure and Definitions