STD-090 — Update of ICAO standards for Global Reporting Format of runway surface conditions

ICAO State-Letter 2015/30 (published on 29/05/2015) proposed all amendments to ICAO documentation to introduce the Global Reporting Format, an enhanced format for assessing and reporting runway surface conditions: amendment of Annexes 3; 6, Parts I and II; 8; 14, Volume I; 15; PANS-Aerodromes and PANS-ATM.
Main amendments concern:
ICAO Amendment 13 to the Annex 14, Volume I was adopted in February 2016, and will be applicable in November 2020.
ICAO Amendment 1 to the Procedures for Air Navigation Services ¿ Aerodromes (PANS-Aerodromes, Doc 9981) will be applicable in November 2020.
These amendments are designed to help reporting runway surface condition in a standardized manner (the global reporting format and Runway Condition Code (RWYCC) for each third of each runway) so that flight crew are able to accurately assess aircraft take-off and landing performance, resulting in a global reduction in runway excursion incidents and accidents.
ICAO Annex 15 - Aeronautical Information Services, fifteenth Edition, July 2016, applicable since November 2016, details the SNOWTAM format including Global Reporting Format runway surface friction status information use.

Category INSTITUTIONAL

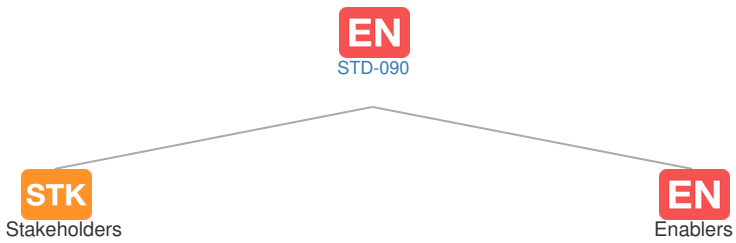
Sub Category Standard

Stakeholder
- **Air Navigation Service Provider**
  - *Civil*
    - Civil ATS Aerodrome Service Provider
    - Civil ATS Approach Service Provider
    - Civil ATS En-Route Service Provider
  - *Military*
    - Military ATS Aerodrome Service Provider
    - Military ATS Approach Service Provider
    - Military ATS En-Route Service Provider
- **Airport Operator**
  - *Military*
    - Military APT operator
- **Airspace User**

Publication Date -

Context

Related Elements



OI Operational Improvement Steps: No associated data

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Enabling	A/C-64	Dowlinked observed runway surface condition	STK OI EN
Enabling	A/C-75	Take-off system monitoring to avoid runway excursion	STK OI EN DS
Enabling	A/C-84	Braking Action Computation Function in On-board Braking Action Computation System	STK OI EN
Enabling	AERODROME-ATC-31	Surface movement control workstation equipped with tools to better prevent runway excursions	STK OI EN DS
Enabling	AERODROME-ATC-47	Airport ATC Subsystem to incorporate aircraft observed runway surface condition	STK OI EN
Enabling	AERODROME-ATC-95	Runway condition awareness management system based on surveillance	STK OI EN
Enabling	AERODROME-ATC-96	Runway condition awareness management system based on braking action data reported by flight crew	STK OI EN
Enabling	AERODROME-ATC-97	Runway condition awareness management system based on manual assessment of contamination	STK OI EN
Enabling	AERODROME-ATC-98	Runway condition awareness management system providing predicted runway surface information	STK OI EN
Enabling	AIRPORT-55	Data transmission means supporting aircraft-airport exchange of information (airport side)	STK OI EN

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN
ANSP-CIV-ER	Civil ATS En-Route Service Provider	EN
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	EN
ANSP-MIL-APP	Military ATS Approach Service Provider	EN
ANSP-MIL-ER	Military ATS En-Route Service Provider	EN
AO	Airport Operator	EN
AP-OPR-MIL	Military APT operator	EN
AU	Airspace User	EN

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data