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UNITING AVIATION

NOTAM – a quality problem is becoming a safety concern!

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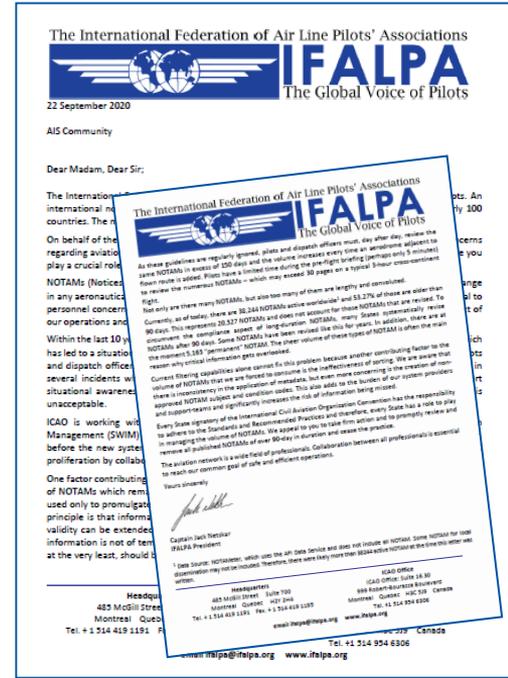


NOTAM – a quality problem is becoming a safety concern!

IFALPA letter to AIS community to improve quality of NOTAM
NOTAM are becoming a serious safety concern!

NOTAM older than 90 days as example of non-compliance
Also inefficient filtering, non-standard codes, abbreviations,
lengthy and convoluted NOTAM

Appeal to adhere to international standards
NOTAM have to be operationally significant





NOTAM – need for modernization!

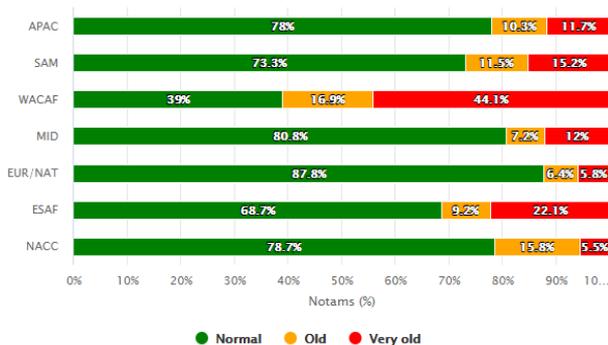
- IMP/WG-A is dedicated to aeronautical information
- Actively working on NOTAM replacement system (NRS)
- Planned applicability for NRS is 2028
- NRS cannot solve systemic problems of non-compliance
- Complete review of the AIS Manual (Doc.8126)
- Revised guidance, examples and diagrams for NOTAM

Priority Indicator	GG				→		
Address	EHZZN/LX	ESZZN/LX	EDZZN/LX	ELZZN/LX...	(etc.)		
Date and time of filing	021432				→		
Originator's Indicator	EADWVXX				→		
Message Series, Number and Identifier							
NOTAM containing new information	NOTAM: (series and number/year) A0068/20						
NOTAM replacing a previous NOTAM	NOTAM: (series and number/year) A0062/20						
NOTAM cancelling a previous NOTAM	NOTAM: (series and number/year)						
Comments							
PIR	NOTAM Code	Traffic	Purpose	Scope	Lower Limit	Upper Limit	Coordinates, Radius
0	1	2	3	4	5	6	7
Identification of ICAO location indicator (within the facility, airport or condition reported is located)							A) EADW
Period of Validity							
From (date-time group)	B)	2	0	0	0	0	0
To (date-time or date-time group)	C)	2	0	0	0	0	0
Time Schedule (if applicable)	D)						
Text of NOTAM (Main-Language Entry (using ICAO Abbreviations))							
E)	AD CLSD						
Lower Limit	F)						
Upper Limit	G)						
Signature							

*Delete as appropriate

NOTAMeter – tool to identify old NOTAM

Notam Age Distribution



NOTAMS
37411

OLD Notams
7238 (19.3%)

Very Old NOTAMS
3298 (8.8%)

States Ranked by Old Notams



- Tool under development
- Tool to identify old and very old NOTAM
- Monitor progress of improving quality
- Need your help to continue to improve

State	Notams	Old Notams	Old Notams (%)	Very old Notams	Very old Notams (%)
United States of America	9185	2023	22	554	6
India	1307	814	62.3	511	39.1
France	1775	375	21.1	153	8.6
Germany	2027	369	18.2	234	11.5
Brazil	732	318	43.4	212	29
Chile	779	263	33.8	67	8.6
Turkey	592	254	42.9	100	16.9
Argentina	1165	151	13	123	10.6
Russian Federation	1374	144	10.5	44	3.2
China	961	138	14.4	25	2.6



NOTAMeter – a research tool grows wings!

Select a Group or Country
ESAF

Percentage of Satisfactory Notams



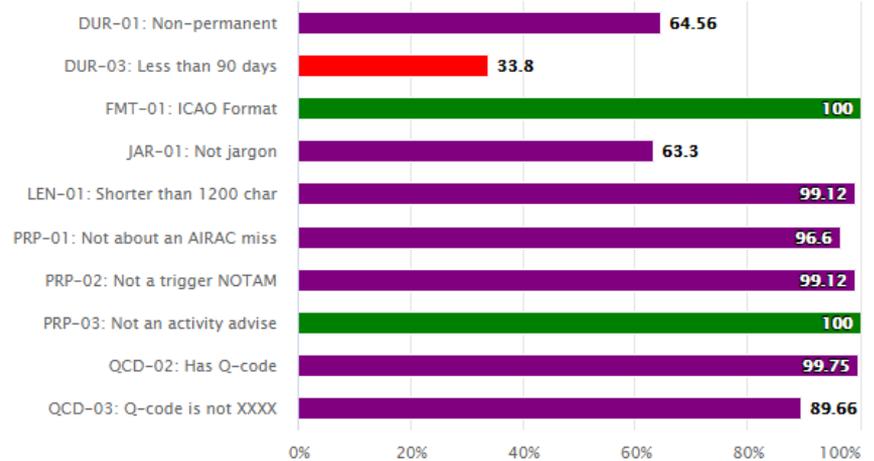
For **ESAF**, 15.51% of NOTAMS meet all quality criteria. There are 793 active NOTAMS for **ESAF**. In that region, currently the highest country is **Eswatini** with 100%.

Disclaimer:

- It is a research tool
- It still has some flaws
- Quality criteria not well defined or explained
- Used for statistical purposes
- Has a valid purpose analyzing about >38,000 NOTAM per day

Quality Check pass rates

Percentage of NOTAMS published in WACAF which passed the given check





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“Global campaign on old NOTAM”

- Let us work together to improve quality of NOTAM!
- ICAO headquarters working together with all 7 regional offices, in partnership with all 193 States
- Objective: to focus on NOTAM older than 95 days – for one year
- Ultimate goal is to improve the quality of NOTAM worldwide
- Launch in early 2021 with global webinar on NOTAM
- Monitor progress of quality improvement every quarter
- NOTAMeter tool to identify old NOTAM
- NOTAMeter tool to help monitor progress





Questions?

Resources:

- Use iSTARS NOTAMeter
 - <https://www.icao.int/safety/iStars/Pages/Notameter.aspx>
- Use global NOTAM repository
 - <https://portal.icao.int/space/Pages/Notices-To-Airmen.aspx>



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North Atlantic
(EUR/NAT) Office
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(MID) Office
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Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU