

THALES



Analysis of impacts of ICAO Doc 8126 Edition 7 on AIS systems NOTAM Code dataset

rev 001

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■ This report is the result of the update of the TopSky-AIS NOTAM Code dataset (Thales AIS Solution)

- TopSky-AIS NOTAM Code dataset was based on ICAO 8126 Edition 6 and has been updated according ICAO 8126 Edition 7

■ This report provides

- Some figures and major changes between ICAO 8126 Edition 6 and Edition 7
- Incorrect values into ICAO 8126 Edition 7
- Consistency remarks into ICAO 8126 Edition 7
- Formatting remarks into ICAO 8126 Edition 7

Figures

	Figures based on ICAO 8126 Edition 6	Figures based on ICAO 8126 Edition 7
Number of NOTAM Code ⁽¹⁾	1251	1274
Number of Subject ⁽²⁾	180	177
Number of Condition ⁽³⁾	42	42

- (1) Unique NOTAM Code (the 5 letters)
- (2) Unique NOTAM Subject (the 2nd and 3rd letters)
- (3) Unique NOTAM Condition (the 4th and 5th letters)

Impact of the ICAO 8126 Edition 7

- 44 Conditions added to existing subject
 - 35 conditions are “CS - Installed”
 - 9 others conditions are AU, CI, HW, TT
- 3 Subjects deleted
 - NC – DECCA (Category CNS)
 - NO - OMEGA (Category CNS)
 - WZ - Model Flying (Category Warning)
- Traffic Modification
 - Traffic change from “V” to “IV” for Subject SE – Flight Information Service (FIS)
- Purpose Modification
 - About 330 NOTAM Code have a modification of Purpose.

ICAO 8126 Edition 7 – Incorrect Values

Incorrect Traffic for NOTAM Code AD

Traffic for condition “LI” should be “I” and not “IV”

Traffic for condition “LP” should be “IV” and not “I”

SECOND AND THIRD LETTERS — SIGNIFICATION Air defence identification zone (ADIZ)	CODE AD	Scope: E					
		Traffic		Purpose			
FOURTH AND FIFTH LETTERS — SIGNIFICATION	CODE	I	V	N	B	O	M
Military operations only	AM	x	x	x	x	x	
Completely withdrawn	AW	x	x		x	x	
Activated	CA	x	x	x	x	x	
Deactivated	CD	x	x		x	x	
Changed	CH	x	x	x	x	x	
Realigned	CL	x	x	x	x	x	
Installed	CS	x	x		x	x	
Closed	LC	x	x	x	x	x	
Closed to IFR operations	LI	x	x	x	x	x	
Prohibited to . . . (specify)	LP	x		x	x	x	
Closed to VFR operations	LV		x	x	x	x	
Trigger	TT	x	x		x	x	
Plain language	XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.					
Resumed normal operation	AK	NOTAMC qualifiers should be identical to the original NOTAM.					
Operative (or re-operative subject to previously published limitations/conditions)	AL						
Operational	AO						
Completed	CC						
Plain language	XX						

Consistency on condition AW

- 102 NOTAM Code have the purpose set to “BO” for the condition “AW – Completely withdrawn”
- but the following codes have the purpose set to “NBO”:
 - QACAW
 - QAFAW
 - QANAW
 - QMHAW
 - QPCAW

Question:

Is it normal to have the purpose set to NBO for these 6 NOTAM Code or is it a mistake ?

Consistency on condition CS

- 130 NOTAM Code have the purpose set to “BO” for the condition “CS – Installed”
- but the following codes have the purpose set to “NBO”:
 - QPFCS
 - QPKCS

Question:

Is it normal to have the purpose set to NBO for these 2 NOTAM Code or is it a mistake ?

ICAO 8126 Edition 7 – Formatting Remarks

Cancellation Condition

- ICAO 8126 Edition 7 does not display cancellation condition among the activation condition except for the condition CN of the NOTAM Code “PE” and “PL”

NOTAM SELECTION CRITERIA CATEGORY: ATM — AIR TRAFFIC PROCEDURES (P)								
SECOND AND THIRD LETTERS — SIGNIFICATION		CODE	Scope: A					
Standard VFR departure			Traffic		Purpose			
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M
Available for daylight operation		AD	x	x	x	x		
Military operations only		AM	x	x	x	x		
Available for night operation		AN	x	x	x	x		
Available on request		AR	x		x	x		
Completely withdrawn		AW	x		x	x		
Not available <i>(specify reason if appropriate)</i>		AU	x	x	x	x		
Changed		CH	x	x	x	x		
Identification or radio call sign changed to . . . <i>(specify)</i>		CI	x		x	x		
Cancelled		CN						
Temporarily replaced by . . . <i>(specify)</i>		CR	x	x	x	x		
Installed		CS	x		x	x		
Limited to . . . <i>(specify)</i>		LT	x	x	x	x		
Trigger		TT		x		x	x	
Plain language		XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.					
Resumed normal operation		AK						
Operative (or re-operative subject to previously published limitations/conditions)		AL						
Operational		AO	NOTAMC qualifiers should be identical to the original NOTAM.					
Completed		CC						
Plain language		XX						

SECOND AND THIRD LETTERS — SIGNIFICATION		CODE	Scope: AE					
Flight plan processing, filing and related contingency			Traffic			Purpose		
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M
Activated		CA	x	x				x
Deactivated		CD	x	x				x
Changed		CH	x	x				x
Cancelled		CN						
Installed		CS	x	x				x
Limited to . . . <i>(specify)</i>		LT	x	x				x
Plain language		XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.					
Resumed normal operation		AK						
Operative (or re-operative subject to previously published limitations/conditions)		AL						
Operational		AO	NOTAMC qualifiers should be identical to the original NOTAM.					
Completed		CC						
Plain language		XX						

ICAO 8126 Edition 7 – Formatting Remarks

Condition order

- ICAO 8126 Edition 7 does display condition sorted alphabetically but the NOTAM Code SE, SF, PE, PK have few alphabetical order error

SECOND AND THIRD LETTERS — SIGNIFICATION		CODE		Scope: E					
Flight information service (FIS)		SE	Traffic	Purpose					
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M	
Hours of service are now ... (specify)	AH	x	x			x	x		
Available on request	AR	x	x			x	x		
Not available (specify reason if appropriate)	AU	x	x			x	x		
Completely withdrawn	AW	x	x			x	x		
Operating frequency(ies) changed to ... (specify)	CF	x	x			x	x		
Identification or radio call sign changed to ... (specify)	CI	x	x			x	x		
Closed	LC	x	x			x	x		
Installed	CS	x	x			x	x		
Limited to ... (specify)	LT	x	x			x	x		
Plain language	XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.							

SECOND AND THIRD LETTERS — SIGNIFICATION		CODE		Scope: A					
Standard VFR departure		PE	Traffic	Purpose					
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M	
Available for daylight operation	AD	x	x	x	x				
Military operations only	AM	x	x	x	x				
Available for night operation	AN	x	x	x	x				
Available on request	AR	x				x	x		
Completely withdrawn	AW	x				x	x		
Not available (specify reason if appropriate)	AU	x				x	x		
Changed	CH	x	x	x	x				
Identification or radio call sign changed to ... (specify)	CI	x				x	x		
Cancelled	CN								
Temporarily replaced by ... (specify)	CR	x	x	x	x				
Installed	CS	x				x	x		
Limited to ... (specify)	LT	x	x	x	x				
Trigger	TT	x				x	x		
Plain language	XX	Select Traffic and Purpose entries with due regard to the NOTAM							

SECOND AND THIRD LETTERS — SIGNIFICATION		CODE		Scope: A					
Aerodrome flight information service (AFIS)		SF	Traffic	Purpose					
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M	
Hours of service are now ... (specify)	AH	x	x			x	x		
Available on request	AR	x	x			x	x		
Not available (specify reason if appropriate)	AU	x	x			x	x		
Completely withdrawn	AW	x	x			x	x		
Operating frequency(ies) changed to ... (specify)	CF	x	x			x	x		
Identification or radio call sign changed to ... (specify)	CI	x	x			x	x		
Closed	LC	x	x			x	x		
Installed	CS	x	x			x	x		
Limited to ... (specify)	LT	x	x			x	x		
Trigger	TT	x	x			x	x		
Plain language	XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.							

SECOND AND THIRD LETTERS — SIGNIFICATION		CODE		Scope: A					
VFR approach procedure		PK	Traffic	Purpose					
FOURTH AND FIFTH LETTERS — SIGNIFICATION		CODE	I	V	N	B	O	M	
Available for daylight operation	AD	x	x	x	x				
Military operations only	AM	x	x	x	x				
Available for night operation	AN	x	x	x	x				
Available on request	AR	x				x	x		
Completely withdrawn	AW	x				x	x		
Not available (specify reason if appropriate)	AU	x				x	x		
Changed	CH	x	x	x	x				
Identification or radio call sign changed to ... (specify)	CI	x				x	x		
Temporarily replaced by ... (specify)	CR	x	x	x	x				
Installed	CS	x	x	x	x				
Limited to ... (specify)	LT	x	x	x	x				
Trigger	TT	x				x	x		
Plain language	XX	Select Traffic and Purpose entries with due regard to the NOTAM content and the most commonly used combination of qualifiers.							

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