



ICAO

International Civil Aviation Organization

Fifteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/15)

Video Teleconference, 01 – 05 June 2020

Agenda Item 5: AIS-AIM Updates

NOTAM CODE ANALYSIS

(Presented by the Secretariat)

SUMMARY

This paper presents information on an analysis conducted on NOTAM code proposals provided by APAC Administrations.

1. INTRODUCTION

1.1 AAITF/14 was informed of the experience of Hong Kong, China, where precise NOTAM codes were occasionally not available in ICAO Doc. 8400 to accurately define the information in the NOTAM concerned. Hong Kong, China proposed that, as data quality and automation became more emphasized, more specific NOTAM codes would benefit data storage and retrieval of information, and would enhance processing by automation systems.

1.2 Hong Kong China and India agreed to gather data, using a form provided by the Secretariat, which would then be referred to the Secretary of the appropriate ICAO technical panel for consideration.

1.3 AAITF/14 had agreed to the following Task:

Task number	14/3
Action Item:	Collect data on circumstances for which there is no suitable NOTAM Code, propose suitable codes, forward to ICAO HQ technical panel Secretary
Time Frame:	30 November 2019
Responsible party:	Hong Kong China, India and Secretariat.

2. DISCUSSION

ICAO Provisions for NOTAM Codes

2.1 ICAO Doc 10066 *Procedures for Air Navigation Services – Aeronautical Information Management* (PANS-AIM) Appendix 3 *NOTAM Format* provides detailed specifications for NOTAM including NOTAM Codes for use in NOTAM Qualifiers (NOTAM Item Q).

2.2 ICAO Doc 8400 provides guidance and examples for the use of NOTAM Codes, and a detailed listing of approved codes grouped by subject (second and third letters of the code) and status (fourth and fifth letters).

Regional NOTAM Code Analysis

2.3 A total of 80 NOTAMs were collected regionally within the Task 14/3 timeframe. ICAO Regional Office collected global data using the ICAO integrated Safety Trend Analysis and Reporting System (iSTARS), and the U. S Defense Internet NOTAM Service.

NOTAM Codes (Q23)

2.4 Currently 179 NOTAM Codes (Q23) are published in the ICAO Doc 8400. As included in the Regionally collected data, the following 37 new NOTAM Codes were proposed:

- **ATM Airspace Organization (A)**
 - AB – Dynamic bifurcation of sector
- **CNS Communications and Surveillance Facilities (C)**
 - CN – Advanced surface movement guidance and control system (ASMGCS)
- **AGA Facilities and Services (F)**
 - FK – PAX boarding bridges
 - FN – Ground handling facility
 - FQ – Clearance delivery facility
 - FR – Air traffic control
 - FV – Airport Collaborative Decision Making (ACDM)
- **AGA Lighting Facilities (L)**
 - LN – Runway guard lights
 - LO – Runway turn pad lights
 - LQ – Aircraft stand maneuvering guidance light (Specify stand)
- **AGA Movement and Landing Area (M)**
 - ME – Signage in movement area (specify area)
 - MF – New marking guidelines (specify area)
 - MI – Isolation bay
 - MJ – Taxiway centre line
 - ML – Parallel taxi
 - MV – PCN value (specify airport pavement)
- **Other Information (O)**
 - OC – Aerodrome Certificate and License
 - OD – ARR Delay
 - OD – Automation system
 - OF – Local and training flight
 - OG – Aeronautical GND LGT (specify area)
 - OH – Excavation near maneuvering area (Specify area)
 - OI – Isolation bay lights

- OJ – RWY wing bar LGT
- OJ – Effective date (publication/implementation/activation)
- OS – Superimposed marking (Specify area)
- OT – Rapid exit TWY indicator light (specify taxiway)
- OT – Prohibition of Reduced Engine Taxi Out (RETO)
- OW – Wild animal activity in airfield
- OW – Activity near maneuvering area (Specify area)
- **ATM Air traffic procedures (P)**
 - PJ – Movement control procedure
 - PS – Continuous descend OPS procedure
 - PQ – Procedure (specify type)
- **ATM Air traffic and VOLMET services (S)**
 - SD – Departure clearance
- **Navigation Warnings (W)**
 - WK – Fireworks display
 - WN – Laser displays/searchlights
 - WY – Pyrotechnic

NOTAM Codes (Q45)

2.5 Currently 78 NOTAM Codes (Q45) are published in ICAO Doc 8400. As included in the Regionally collected data, the following 19 new NOTAM Codes were proposed:

- **Availability (A)**
 - AA – Under flight calibration
 - AB – Bifurcated mode of operation available (specify condition)
 - AE – Not meeting ICAO standard
 - AI – Available
 - AQ – Valid up to (specify date)
- **Changes (C)**
 - CB - Commissioned
 - CV – Renamed
 - CU – Superimposed marking
 - CQ – Available on trial basis
- **New Series (D)**
 - DA – Obtain positive clearance
 - DB – Carry additional holding fuel
 - DC – Take clearance before planning
 - DE – Exercise Caution
 - DP – Plan alternate route
 - DR – RAIM prediction
 - DU – Use with caution
- **Limitations (L)**
 - LJ – Restricted to (specify condition)
 - LZ – Traffic capacity
- **Other (XX)**
 - XP – Postponed

NOTAM Code Analysis

2.6 A NOTAM Code analysis was conducted by the ICAO APAC Regional Office using regionally collected data and global data. Details are shown in **Attachment A** of this paper.

2.7 As a result of the analysis, ICAO Regional Office supports the following proposals:

- a) **WH** – Blasting/pyrotechnic/fireworks
- b) **WN** – Laser emissions/laser displays/searchlights
- c) **DR** – RAIM prediction (change DR if necessary)

2.8 Following proposal should be discussed by the AAITF/15 meeting:

- a) **AB** - Dynamic bifurcation of sector
- b) **LN** – Runway guard lights
- c) **OD** – Arrival delay
- d) **OT** – Prohibition of Reduced Engine Taxi Out (RETO)
- e) **AB** – Bifurcated mode of operation available (specify condition)
- f) **CQ** – Available on trial basis
- g) **DA** – Obtain positive clearance
- h) **DB** – Carry additional holding fuel
- i) **DC** – Take clearance before planning
- j) **DE** – Exercise Caution
- k) **DP** – Plan alternate route
- l) **DU** – Use with caution

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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AAITF/15

NOTAM Code Analysis

Erdenebaatar Davaasuren,

*Associate Regional Officer - Aeronautical Information Management,
International Civil Aviation Organization (ICAO),
Asia and Pacific Regional Office*

Bangkok, Thailand, 01-05 June 2020



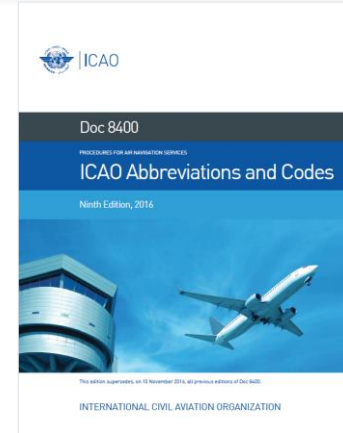


Introduction

- **Task '14/3:** Collect data on circumstances for which there is no suitable NOTAM Code, propose suitable codes, forward to ICAO HQ technical panel Secretary
- **Responsible party:** Hong Kong China, India and Secretariat
- **Time frame:** until 30 November 2019
- **Regionally collected data:** 80
- **Global data source:**
 - U.S. Defense Internet NOTAM Service
 - ICAO integrated Safety Trend Analysis and Reporting System (iSTARS)

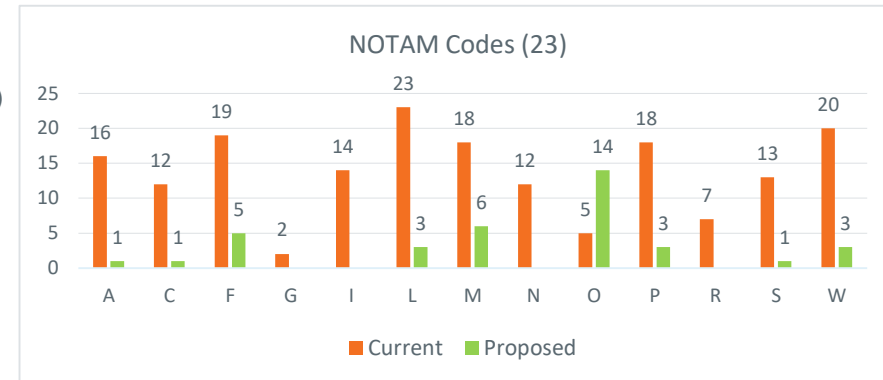
AAITF TASK LIST





Proposed New NOTAM Codes (Q23)

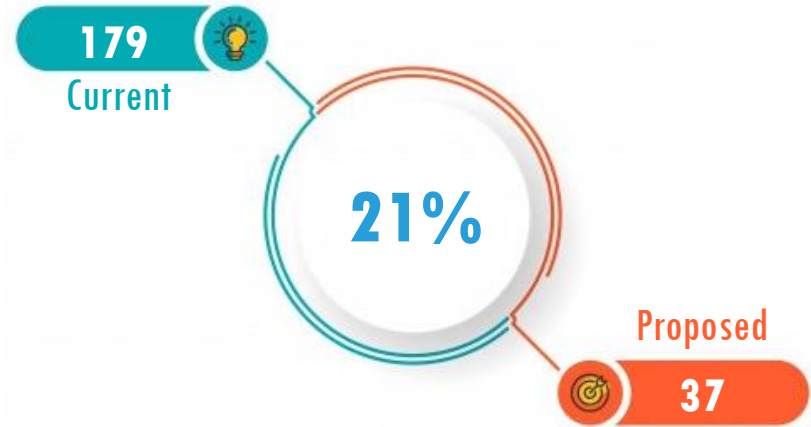
- **ATM Airspace Organization (A)**
 - AB – Dynamic bifurcation of sector
- **CNS Communications and Surveillance Facilities (C)**
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 - MV – PCN value (specify airport pavement)



Proposed New NOTAM Codes (Q23)

- Other Information (O)
 - OC – Aerodrome Certificate and License
 - OD – ARR Delay
 - OD – Automation system
 - OF – Local and training flight
 - OG – Aeronautical GND LGT (specify area)
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- Navigation Warnings (W)
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 - WY – Pyrotechnic

Q2345
NOTAM CODE





– Availability (A)

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- AB – Bifurcated mode of operation available (specify condition)
- AE – Not meeting ICAO standard
- AI – Available
- AQ – Valid up to (specify date)

– Changes (C)

- CB - Commissioned
- CV – Renamed
- CU – Superimposed marking
- CQ – Available on trial basis

– New Series (D)

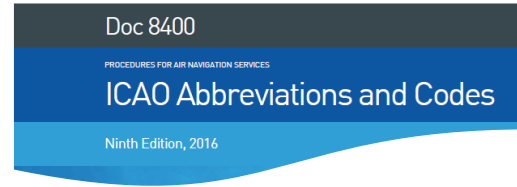
- DA – Obtain positive clearance
- DB – Carry additional holding fuel
- DC – Take clearance before planning
- DE – Exercise Caution
- DP – Plan alternate route
- DR – RAIM prediction
- DU – Use with caution

– Limitations (L)

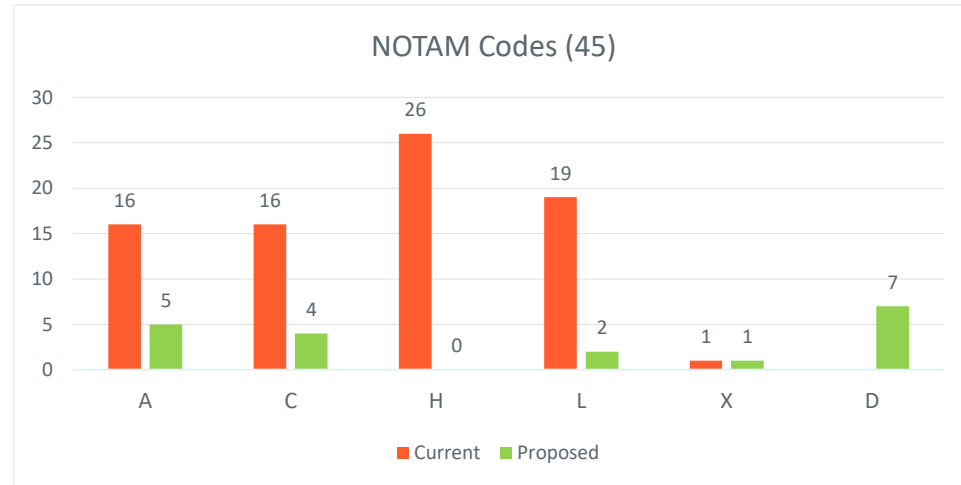
- LJ – Restricted to (specify condition)
- LZ – Traffic capacity

– Other (XX)

- XP – Postponed



24%



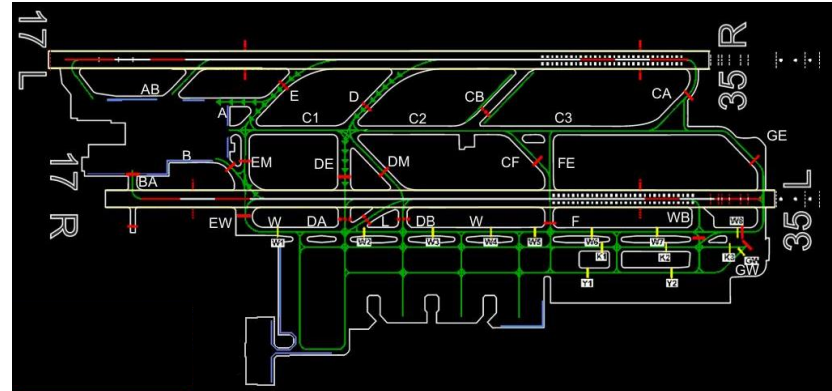
CN

Advanced surface movement guidance and control system (ASMGCS)

PJ

Movement control procedure

- Data provided by APAC States (2)
- Global data (3)
 - Common used NOTAM Codes:
 - **QFG**: Ground movement control
- RO comment:
 - **QFG** can fully cover both ASMGCS and Movement control procedure.
 - Due to low number of NOTAM and available code, this proposal should not be forwarded to ICAO HQ.



WY

Pyrotechnics

WK

Fireworks

– Data provided by APAC States **(10)**

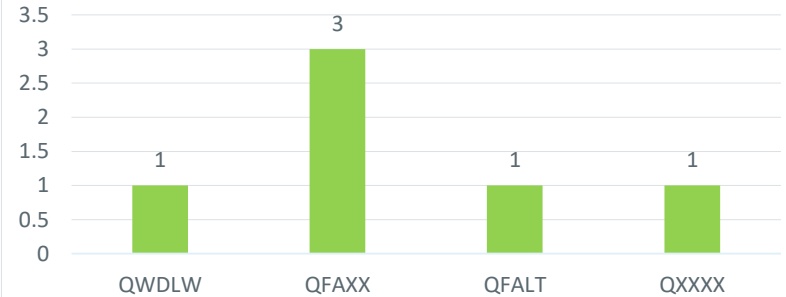
– Global data **(48)**

- Pyrotechnic(s): **6**
- Fireworks: **42**
- Common used NOTAM Codes:
 - **QWHLW**: Blasting
 - **QWDLW**: Demolition of explosives
 - **QFAXX**: Aerodrome
 - **QWMLW**: Missile, gun or rocket firing
 - **QXXXX**:

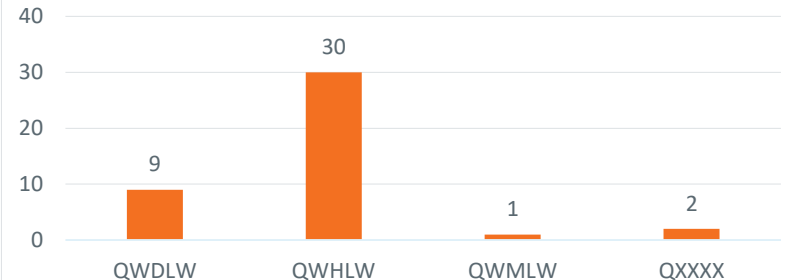
– RO comment:

- No need specific new code. NOTAM code should be amended as **'WH Blasting/pyrotechnic/fireworks'**

NOTAM Codes used for Pyrotechnic(s)



NOTAM Codes used for Fireworks

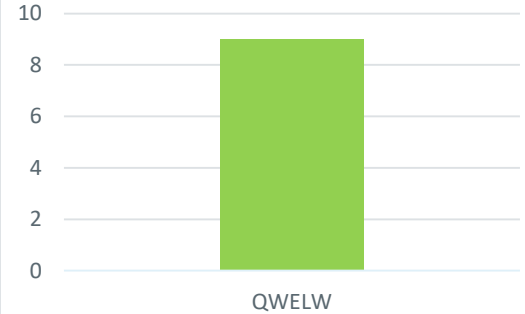


WN

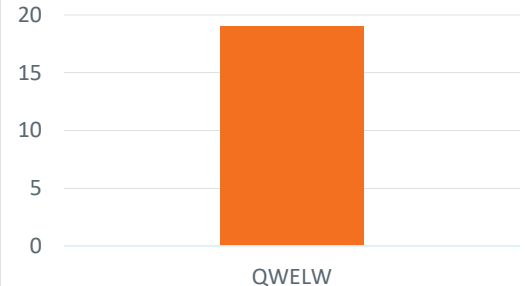
Searchlight Display & Laser Display

- Data provided by APAC States (7)
- Global data (28)
 - Searchlight display: 9
 - Laser display: 19
 - Common used NOTAM Codes:
 - **QWELW**: Exercise (specify)
- RO comment:
 - Support to proposal of new NOTAM Code (**WN**) for both Searchlights and laser displays. As mentioned in Annex 15, 'laser emissions' should be added. New NOTAM Code:
WN Laser emissions/laser displays/searchlights

NOTAM Code used for Searchlight



NOTAM Code used for laser display



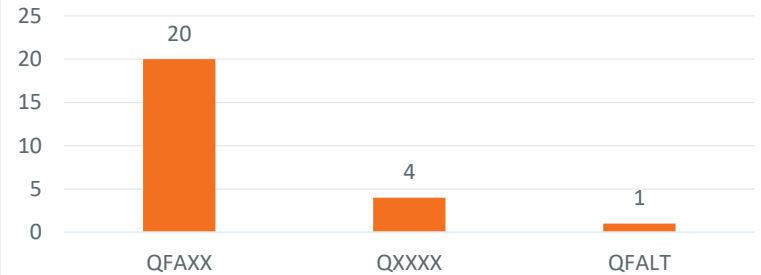


OC

Aerodrome Certificate & License

- Data provided by APAC States (2)
- Global data (28)
 - Aerodrome Certificate: 5
 - Aerodrome License: 20
 - Common used NOTAM Codes:
 - **QFAXX**: Aerodrome
 - **QFALT**: Aerodrome limited
 - **QXXXX**
- RO comment:
 - No need specific new code for Aerodrome certificate or license. Normally, this information published in AIP. However, due to time constraints, it can be published as a NOTAM. For 1 aerodrome 1 NOTAM per 1-3 years.

NOTAM Codes used for AD Certificate and License



A1408/19 NOTAMN
Q) /QFAXX/IV/BO/A/000/999/
A) B) 1912190000 C) 2112182359
E) NAME OF AD: . . . INTERNATIONAL AIRPORT
LOCATION INDICATOR :
AD LICENSE NUMBER : AL/PUBLIC/017
ISSUED BY : DIRECTOR GENERAL OF CIVIL
AVIATION
VALIDITY : FROM 19/12/2019 TO 18/12/2021.

OD

Automation System

- Data provided by APAC States (1)
- Global data (2)
 - Common used NOTAM Codes:
 - **QCA**: Air/ground facility (*specify service and frequency*)
 - **QXX**
- RO comment:
 - Due to low number of NOTAM, this proposal should not be forwarded to ICAO HQ.

**A0760/14** NOTAMN

Q) /QXXXX/IV/BO/A/000/999/
A) B) 1410130430 C) PERM
E) COMMISSIONING OF ATS TWR AUTOMATION
SYSTEM TYPE A AIRCON2100

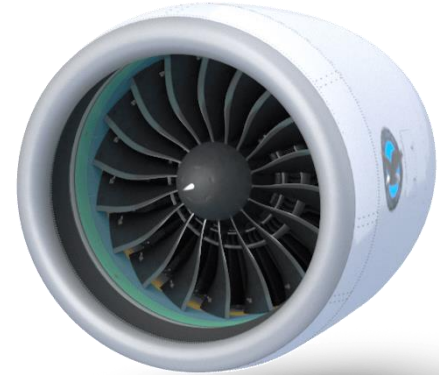
A0089/13 NOTAMN

Q) /QCAXX/IV/NBO/AE/000/999/1300N08011E999
A) B) 1301150000 C) PERM
E) NEW ATM AUTOMATION SYSTEM OPR
INDEPENDENTLY

OT

Prohibition of Reduced Engine Taxi Out (RETO)

- Data provided by APAC States **(3)**
- Global data **(0)**
- RO comment:
 - Need further discussion.

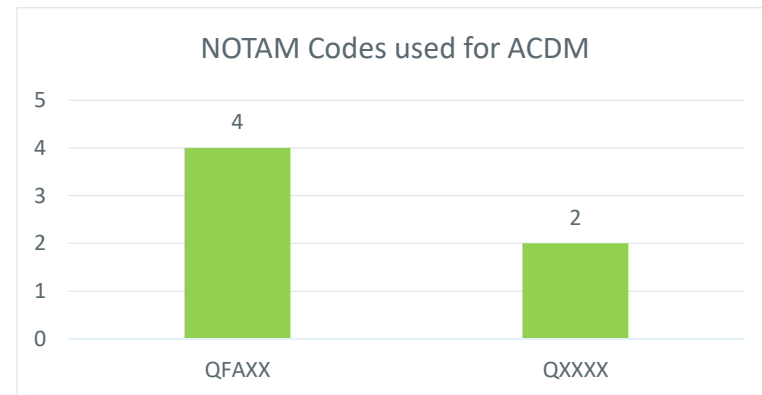


A1063/19 NOTAMN
Q) /QXXXX/IV/NBO/AE/000/999/2219N11355E005
A) B) 1904180102 C) 1906172359
E) REDUCED ENG TAX OUT (RETO) IS STRICTLY
PROHIBITED IN FOR DEP ACFT ALL ENG START
MUST BE CMPL BFR COMMENCEMENT OF TAX OPS IN

FV

Airport Collaborative Decision Making (ACDM)

- Data provided by APAC States (1)
- Global data (6)
 - Common used NOTAM Codes:
 - **QFAXX**: Aerodrome
 - **QXXXX**
- RO comment:
 - Recommend to use QFA for ACDM instead of new NOTAM code.



A0060/20 NOTAMR A2300/19
Q) /QXXXX/IV/BO/A/000/999/
A) B) 2001070820 C) 2007071230 EST
E) AIRPORT COLLABORATIVE DECISION MAKING
(ACDM) TRIAL OPS WILL BE IN PLACE . . .



OW

Wild animal activity in airfield

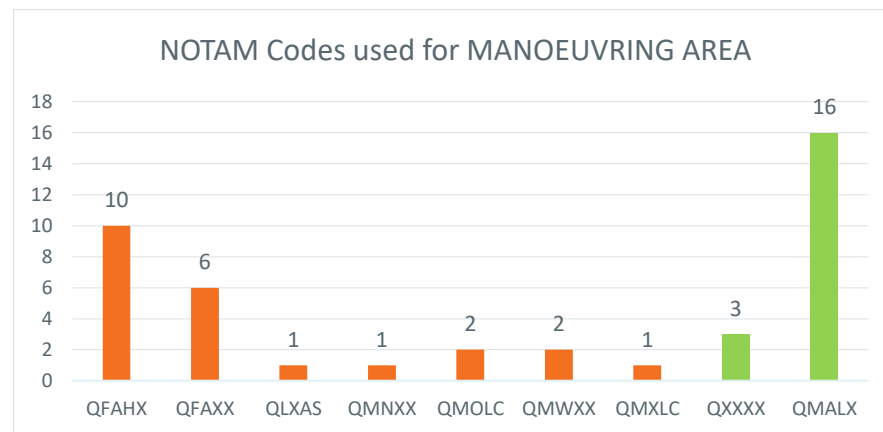
OW

Activity near maneuvering area (specify area)

- Data provided by APAC States (2)
- Global data for manoeuvring area (42)
 - Common used NOTAM Codes:
 - QMA – Movement area
 - QFA – Aerodrome
 - QMW – Strip/shoulder
 - QXX
- RO comment:
 - Based on the ICAO definition (Annex 15) and global data, NOTAM Code QMA should be used for Manoeuvring area.

Definition

Movement area. That part of an aerodrome to be used for the take-off, landing and taxiing of aircraft, consisting of the **manoeuvring area** and the **apron**





OJ

Effective date (publication/implementation/activation)

- Data provided by APAC States (1)
- Global data (4)
 - Common used NOTAM Codes:
 - **QOA** – Aeronautical Information Service
 - **QXX**
- RO comment:
 - Changing effective date via NOTAM is not appropriate way. However, it has happened few times per year. Proposal of new code should be rejected.
 - QOA – AIS can also be used for this purpose, if necessary.

G1313/19 NOTAMN
 Q) /QXXXX/IV/NBO/AE///
 A) B) 1911041100 C) PERM
 E) REFER AIP SUPPLEMENT 169/2019 REGARDING AERODROME DATA AIRPORT. THE EFFECTIVE DATE OF AIP SUPPLEMENT IS POSTPONED TO 02 JAN 2020. AMEND AIP SUPPLEMENT 169/2019 ACCORDINGLY.

6.1.3 Specifications for AIP Supplements

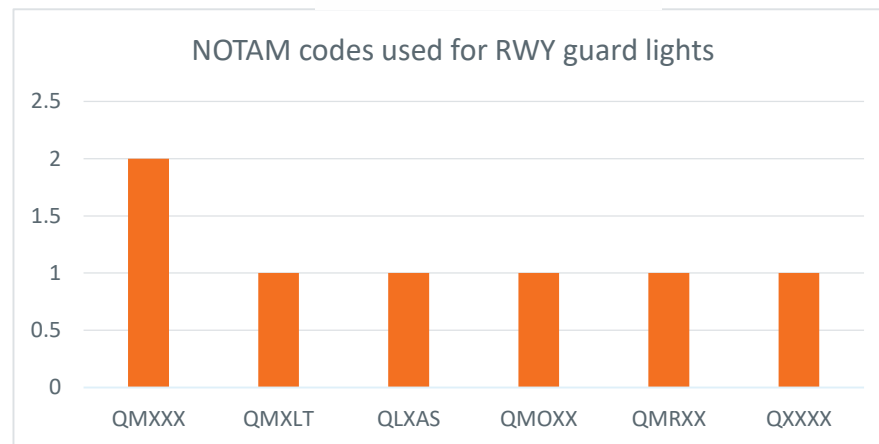
When an error occurs in an AIP Supplement or when the period of validity of an AIP Supplement is changed, a new AIP Supplement shall be published as a replacement.

Note 1.— The requirements for NOTAM apply when time constraints do not allow sufficient time for the distribution of an AIP Supplement.

LN

Runway guard lights

- Data provided by APAC States (1)
- Global data (7)
 - Common used NOTAM Codes:
 - **QMX** – Taxiway
 - **QMR** – Runway
 - **QMO** – Stopbar
 - **QQXX**
- RO comment:
 - Need further discussion.





FK

PAX boarding bridges

FN

Ground handling facility

- Data provided by APAC States (1/1)
- Global data (1/4)
 - Common used NOTAM Codes:
 - **QMPLC** PAX boarding bridge
 - **QFAXX** Ground handling service
- RO comment:
 - Few NOTAMs about PAX boarding bridge are published.
 - Only 4 NOTAMs about Ground handling service. However, it has been mentioned in 30 other NOTAMs.



ICAO

International Standards
and Recommended Practices

Annex 15 to the Convention on International Civil Aviation

Aeronautical Information Services

Sixteenth Edition, July 2018

6.3.2.4 The following information shall not be notified by NOTAM:

- o) availability of equipment for ground units without containing information on the operational impact for airspace and facility users;
- k) limitations to airport facilities or general services with no operational impact;

MP

Aircraft stand (ICAO Doc 8400)

FA

Aerodrome (ICAO Doc 8400)

MI Isolation bay

OI Isolation bay lights

– Data provided by APAC States (1/1)

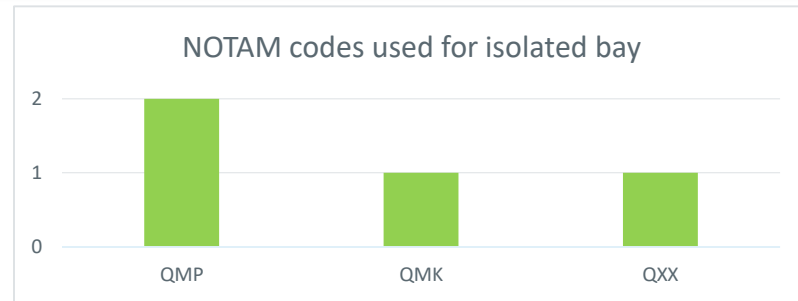
– Global data (4)

- Common used NOTAM Codes:
 - **QMP** Aircraft stand
 - **QMK** Parking area

LQ Aircraft stand maneuvering guidance light (Specify stand)

– Data provided by APAC States (1)

– Global data (0)



MP Aircraft stand (ICAO Doc 8400)

MK Parking area (ICAO Doc 8400)

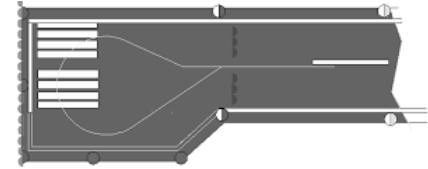
– RO comment:

- Appropriate NOTAM codes available.
- There is no specific requirement for isolated bay lights in Annex 14.

LO

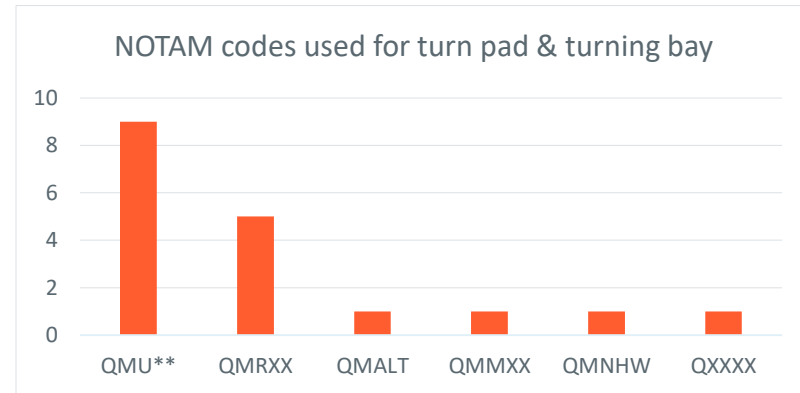
Runway turn pad lights

- Data provided by APAC States (1)
- Global data (1)
 - Common used NOTAM Codes:
 - QXXXX
- Global data for turn pad & turning bay (18)
 - Common used NOTAM Codes:
 - QMU – Runway turning bay
 - QMR – Runway
- RO comment:
 - No need new code for runway turn pad lights due to low number of NOTAMs. **QMU** can be used.



MU

Runway turning bay (ICAO Doc 8400)





MF	New marking guidelines (specify area)
ME	Signage in movement area (specify area)
OH	Excavation near maneuvering area
MV	PCN value (specify airport pavement)
MJ	Taxiway centre line
ML	Parallel taxi
OT	Rapid exit TWY indicator light (specify taxiway)

MA	Movement area
MB	Bearing strength (<i>specify part of landing area or movement area</i>)
MC	Clearway (<i>specify runway</i>)
MD	Declared distances (<i>specify runway</i>)
MG	Taxiing guidance system
MH	Runway arresting gear (<i>specify runway</i>)
MK	Parking area
MM	Daylight markings (<i>specify threshold, centre line, etc.</i>)
MN	Apron
MO	Stopbar (<i>specify taxiway</i>)
MP	Aircraft stands (<i>specify</i>)
MR	Runway (<i>specify runway</i>)
MS	Stopway (<i>specify runway</i>)
MT	Threshold (<i>specify runway</i>)
MU	Runway turning bay (<i>specify runway</i>)
MW	Strip/shoulder (<i>specify runway</i>)
MX	Taxiway(s) (<i>specify</i>)
MY	Rapid exit taxiway (<i>specify</i>)

– RO comment:

- Appropriate NOTAM codes are available in current Doc 8400;
- The subject ‘parallel taxi track’ is published few times (as of 08 May only 2 times) in the APAC Region.



SD	Departure clearance
FQ	Clearance delivery facility
FR	Air Traffic Control

– Global data for departure clearance (4)

- Common used NOTAM Codes:
 - QFAXX
 - QCDXX

– RO comment:

- Appropriate NOTAM codes are available in current Doc 8400;

A0916/19 NOTAMR A0441/19
 Q) /QXXXX/IV/BO/A/000/999/
 A) B) 1907050930 C) 1910042359 EST
 E) CLEARANCE DELIVERY FAC AT TOWER WITH FREQ
 121.625MHZ IS OPERATING ON TEST BASIS

ATM

Air traffic and VOLMET services (S)

- SA Automatic terminal information service
- SB ATS reporting office
- SC Area control centre
- SE Flight information service
- SF Aerodrome flight information service
- SL Flow control centre
- SO Oceanic area control centre
- SP Approach control service
- SS Flight service station
- ST Aerodrome control tower
- SU Upper area control centre
- SV VOLMET broadcast
- SY Upper advisory service (*specify*)



OG	Aeronautical GND LGT (specify area)
OJ	RWY wing bar LGT
OS	Superimposed marking (Specify area)

A2041/19 NOTAMN

Q) /QXXXX/IV/NBO/A/000/999/

A) B) 1909181230 C) 1912050530

E) AERONAUTICAL GND LIGHTS FOR NEW SOUTH RWY IN TESTING PHASE. PILOTS EXER CTN.

– RO comment:

- Currently 23 NOTAM codes for Lighting facilities (L).
- LR can be used for other lighting facilities.
- ‘Superimposed marking’ proposed for both Q23** and Q**45. It will be discussed later.

NOTAM Codes Doc 8400

AGA
Lighting facilities (L)

- LA Approach lighting system *(specify runway and type)*
- LB Aerodrome beacon
- LC Runway centre line lights *(specify runway)*
- LD Landing direction indicator lights
- LE Runway edge lights *(specify runway)*
- LF Sequenced flashing lights *(specify runway)*
- LG Pilot-controlled lighting
- LH High intensity runway lights *(specify runway)*
- LI Runway end identifier lights *(specify runway)*
- LJ Runway alignment indicator lights *(specify runway)*
- LK Category II components of approach lighting system *(specify runway)*
- LL Low intensity runway lights *(specify runway)*
- LM Medium intensity runway lights *(specify runway)*
- LP Precision approach path indicator *(specify runway)*
- LR All landing area lighting facilities
- LS Stopway lights *(specify runway)*
- LT Threshold lights *(specify runway)*
- LU Helicopter approach path indicator
- LV Visual approach slope indicator system *(specify type and runway)*
- LW Heliport lighting
- LX Taxiway centre line lights *(specify taxiway)*
- LY Taxiway edge lights *(specify taxiway)*
- LZ Runway touchdown zone lights *(specify runway)*

OD

Arrival delay

– RO comment:

- Need further discussion.

OF

Local and training flight

– RO comment:

- NOTAM Code WE should be used for this purpose.

A0491/19 NOTAMN

Q) /QXXXX/IV/NBO/A /000/999/2219N11355E005

A) B) 1902270530 C) 1902270800

E) ARRIVING TRAFFIC FOR

INTERNATIONAL AIRPORT ARE TO EXPECT UP TO 25 MINUTES DLA DUE TO WINDSHEAR ON FINAL APPROACH.

**WE**

Exercises (specify) (ICAO Doc 8400)



AB	Dynamic bifurcation of sector
PS	Continuous descend OPS procedure
PQ	Procedure (specify type)

A2024/19 NOTAMR A1376/19
 Q) /QXXXX/IV/BO/A/000/999/
 A) B) 1909160825 C) 1912161230 EST
 E) THE FLW PROC WILL BE APPLICABLE ON TRIAL BASIS
 FOR ASSESSMENT AND TO FACILITATE FUTURE
 IMPLEMENTATION OF MODE-S ELEMENTARY
 SURVEILLANCE/ENHANCED SURVEILLANCE AIRSPACE . . .

NOTAM Codes Doc 8400

- ATM
Air traffic procedures (P)
- PA Standard instrument arrival (*specify route designator*)
- PB Standard VFR arrival
- PC Contingency procedures
- PD Standard instrument departure (*specify route designator*)
- PE Standard VFR departure
- PF Flow control procedure
- PH Holding procedure
- PI Instrument approach procedure (*specify type and runway*)
- PK VFR approach procedure
- PL Flight plan processing, filing and related contingency
- PM Aerodrome operating minima (*specify procedure and amended minimum*)
- PN Noise operating restrictions
- PO Obstacle clearance altitude and height (*specify procedure*)
- PR Radio failure procedure
- PT Transition altitude or transition level (*specify*)
- PU Missed approach procedure (*specify runway*)
- PX Minimum holding altitude (*specify fix*)
- PZ ADIZ procedure

– RO comment:

- Not familiar with dynamic bifurcation of sector.
- Currently 18 NOTAM codes for Air traffic procedure (P).
- PQ vs 18 NOTAM codes for procedures
- Need further discussion.



AA

Under flight calibration

QICAA

- Data provided by APAC States (1)
- Global data (4)
 - Common used NOTAM Codes:
 - **AG** Operating but ground checked only, awaiting flight check
 - **XX**
- RO comment:
 - 2 possible NOTAM codes are existing in Doc 8400
 - Selection of codes is depending on subject status (whether subject is used for flight operation or not)

A0994/19 NOTAMN
Q) /QICXX/I/BO/A/000/999/
A) B) 1907250600 C) 1907250800
E) ILS RWY27 UNDER FLT CLBR

AG

Operating but ground checked only,
awaiting flight check (ICAO Doc 8400)

CT

On test, do not use (ICAO Doc 8400)

CB

Commissioned

QNMCB

VOR/DME COMMISSIONED

G0002/20 NOTAMN

Q) /QNMXX/IV/BO/E/000/999/

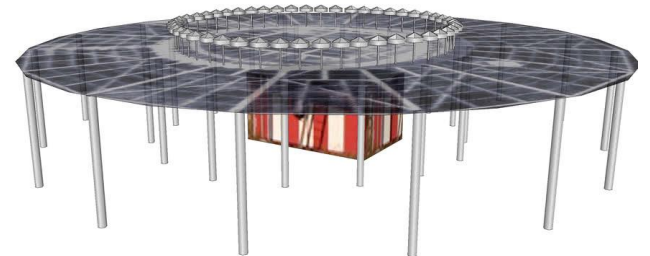
A) B) 2002270000 C) PERM

E) DVOR AND DME COMMISSIONED AT SIKANDRABAD WITH
FLW DETAILS:**CS**

Installed (ICAO Doc 8400)

– RO comment:

- Recommend to use CS for this purpose.
- Text can be modified. For example: commissioned, established etc.,





CV

Renamed

TWY B, C RENAMED AS TWY B2, C5 RESPECTIVELY

VS

TWY B, C CHANGED TO TWY B2, C5 RESPECTIVELY

CH

Changed (ICAO Doc 8400)

– RO comment:

- Recommend to use CH for this purpose.
- No significant difference between rename and change.

CQ

Available on trial basis

A2041/19 NOTAMN

Q) /QXXXX/IV/NBO/A/000/999/

A) B) 1909181230 C) 1912050530

E) AERONAUTICAL GND LIGHTS FOR NEW SOUTH RWY
AVBL ON TRIAL BASIS. PILOTS EXER CTN.

– RO comment:

- ‘Available on trial basis’ should be part of Availability, thus code should be started by letter ‘A’
- Need further discussion.

LZ

Traffic capacity

A1692/19 NOTAMR A0974/19

Q) /QMRXX/IV/NBO/A/000/999/

A) B) 1908021036 C) 1909301030 EST

E) RWY CAPACITY:

MAX NUMBER OF ARR AND DEP-40

MAX NUMBER OF ARR ONLY-27

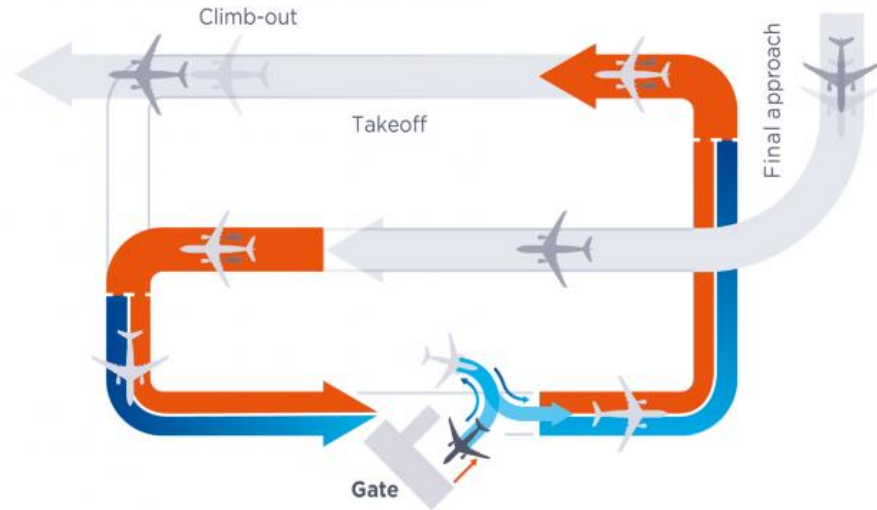
MAX NUMBER OF DEP ONLY-27

– RO comment:

- NOTAM Code '**LT – limited to**' should be used for this kind of information. No need specific new NOTAM Code.

LT

Limited to (ICAO Doc 8400)



CU

Superimposed marking

A0810/19 NOTAMN

Q) /QMPXX/IV/BO /A /000/999/2649N07548E005

A) B) 1907251230 C) 1910312359 EST

E) SUPERIMPOSED MARKING FOR BAY NR 15A FOR B747 AND 16A FOR A321 IS PROVIDED. PILOTS TO EXER CTN WHILE PARKING ON 15, 15A, 16 AND 16A.)

A1238/19 NOTAMR A0810/19

Q) /QMPXX/IV/BO/A/000/999/

A) B) 1911081245 C) 1912312359 EST

E) SUPERIMPOSED MARKING FOR BAY NR 15A FOR B747 AND 16A FOR A321 IS PROVIDED. PILOTS TO EXER CTN WHILE PARKING ON 15, 15A, 16 AND 16A.

– RO comment:

- Operational impact?
- This information used for . . . (what/who)
- Validity of information was about 5 months.





XP

Postponed

QOJXP

THE EFFECTIVE DATE OF AIP SUPPLEMENT IS POSTPONED

G1313/19 NOTAMN

Q) /QXXXX/IV/NBO/AE///

A) B) 1911041100 C) PERM

E) REFER AIP SUPPLEMENT 169/2019 REGARDING AERODROME DATA AIRPORT. THE EFFECTIVE DATE OF AIP SUPPLEMENT IS POSTPONED TO 02 JAN 2020.

B0328/17 NOTAMN

Q) /QAFXX/IV/NBO/E /000/999/1216N12435E999

A) B) 1701270649 C) PERM

E) AIRAC AIP AMDT 061/16 WEF 02 FEB 17 CHANGED TO 02 MAR 17

– RO comment:

- This proposal linked with AIP Supplement effective date and discussed early.
- New code will support to non-standardized product and services.

**AIRAC
AIP AMDT 061/16**

Effective date: 02 Feb 2017

Publication date: 09 Dec 2016



AE	Not meeting ICAO Standard	QMJAE	TWY CENTRE LINE NOT MEETING ICAO STD
AQ	Valid up to (specify date)	QOCAQ	AD LICENSE/CERTIFICATE VALID UP TO
AI	Available	QFNAR	GROUND HANDLING FACILITY AVAILABLE

– RO comment:

- How many NOTAMs about not meeting ICAO Standard are published per year?
- 'valid up to' is used to almost only for aerodrome certificate. This information is published in AIP AD 1.5. However, due to time constraints, this information can be published by NOTAM. So usage is quite low.
- Normally, handling services and facilities are published in the AIP AD 2.4. Moreover, normal conditions are not published by NOTAM. Only negative conditions are published by NOTAM such as closed, not available, available on request etc.,



DA	Obtain positive clearance
DB	Carry additional holding fuel
DC	Take clearance before planning
DE	Exercise Caution
DP	Plan alternate route
DR	RAIM prediction
DU	Use with caution

International Standards
and Recommended Practices

Annex 15 to the Convention on International Civil Aviation

Aeronautical Information Services

Sixteenth Edition, July 2018

NOTAM. A notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.

- RO comment:
 - Need further discussion.

Summary:

– Following proposals should be forwarded to ICAO HQ:

- **WH** – Blasting/pyrotechnic/fireworks
- **WN** – Laser emissions/laser displays/searchlights
- **DR** – RAIM prediction (change DR if necessary)

– Proposals need further discussion:

- AB - Dynamic bifurcation of sector
- LN – Runway guard lights
- OD – Arrival delay
- OT – Prohibition of Reduced Engine Taxi Out (RETO)
- AB – Bifurcated mode of operation available (specify condition)
- CQ – Available on trial basis
- DA – Obtain positive clearance
- DB – Carry additional holding fuel
- DC – Take clearance before planning
- DE – Exercise Caution
- DP – Plan alternate route
- DU – Use with caution





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and Caribbean
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Mexico City

South American
(SAM) Office
Lima

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Central African
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European and
North Atlantic
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Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU