



Status Quo and Initiatives:
Alpha-numeric Call-Signs in the ICAO MID
Region - ...and elsewhere...

Ekkehard Gutt Emirates

Today's Agenda









ATC Call Sign-Similarity and –Confusion:

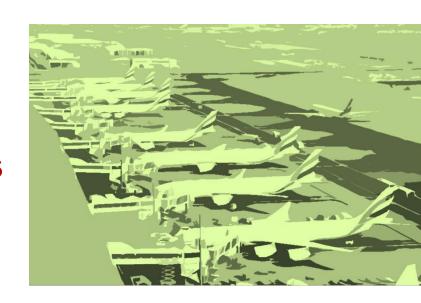
- Status Quo: ICAO MID Region
- Emirates: Review and Initiatives
- EK Global Survey
- Supporters & Stakeholders
- The way forward: Global Initiatives
- The Challenges
- Outlook

Status of the ICAO MID Region



The ICAO Middle East Region as an entire region is <u>not</u> yet ready for the full acceptance of alpha-numeric ATC Call-Signs...

...BUT major work/initiatives are ongoing!



EK-Initiatives to move to using alpha-numeric call-signs



- Active Involvement in the U.A.E. National Airspace Advisory Committee/ NASAC Working Group 7;
- Conduction of an "Alternate Call-Sign Trial" with Dubai TWR/Approach, where tactical call-sign changes could be initiated by both, ATC as well as the Flight Crew;
- Creation of awareness at the EK Commercial Planning department to coordinate the intended new/upcoming call signs beforehand;
- Development of an EK internal Call-Sign Conflict Overview tool;
- Storage of any similar call-sign where EK flights are involved from any ANSP unit globally.
- Liaison with our Flight Planning System provider to discuss the system handling of 'ATC Call-Signs' (in parallel to the commercial call-signs);
- Liaison with other EK System Service Providers to discuss handling of alpha-numeric call-signs (FMS, ACARS, Ops System, Interfaces, etc. etc.);
- Dialogue started with other Airlines that make use of "ATC Call Signs";
- Identifying challenges/problems of using separated ATC Call-Signs within EK (departments, systems, tools);
- Identifying challenges/problems of using separated ATC Call-Signs with ATC, Overflight Permissions, Landing Permissions, Airport Systems;
- Collecting documentation/literature in regards to call-sign confusion (examples, trials, practices, human factor issues etc.);
- Collecting data/information from other Airlines;
- Collecting data/information from ATC units;
- What prevents us from doing this immediately are problems in many ICAO Regions and individual stakeholders (beside of ATC) to accept alpha-numeric call-signs e.g. for overflight approvals, landing approvals, airport slots and in the Airport environment itself (e.g. commercial flight number information on airport board displays);
- EK has initiated a survey and has distributed this to several internationally operating Airlines (- this survey will be shared at a later stage with you); it is of concern that foreign Airlines pointed out, that they were not able to apply for alpha-numeric call-signs e.g. in the U.A.E..;
- EK will move to alpha-numeric call-signs as soonest as possible, but only when it is assured, that all stakeholders involved in the particular flights fully accept the filing/use of ATC alpha-numeric call-signs;
- EK raises a Working Paper today (06MAY14) at the IATA MENA RCG to request compliance of all stakeholders in the Middle East Region to comply/accept with alpha numeric ATC call-signs;
- EK requests the set-up of a checklist, where all stakeholders (in the U.A.E.) have to confirm compliance/acceptance with the use of alpha-numeric ATC call-signs;

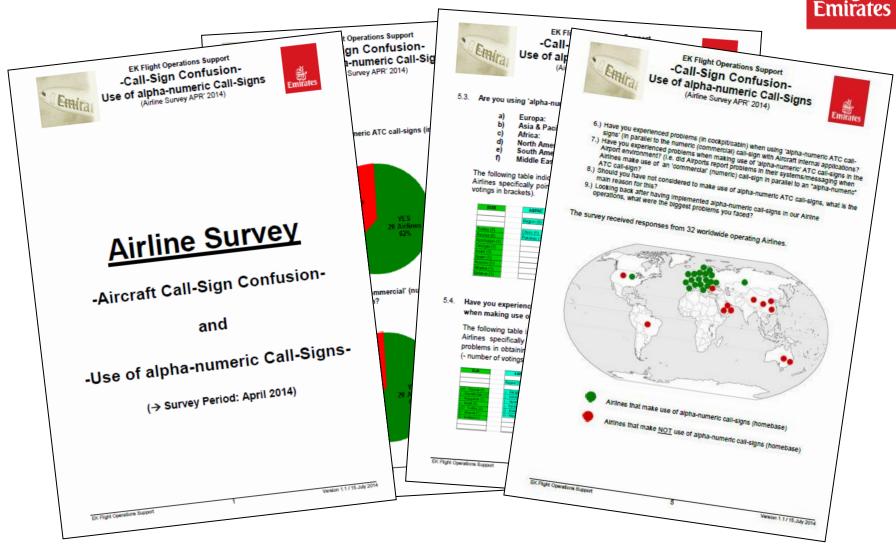






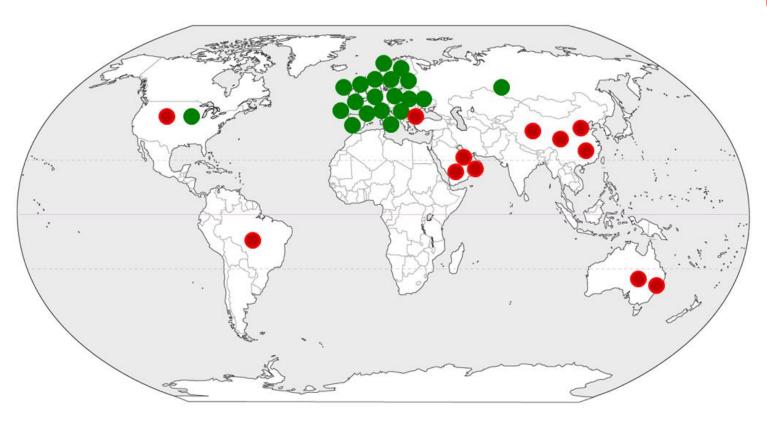
EK: Global Airline Survey (April 2014)





32 worldwide operating Airlines participated in the EK Survey

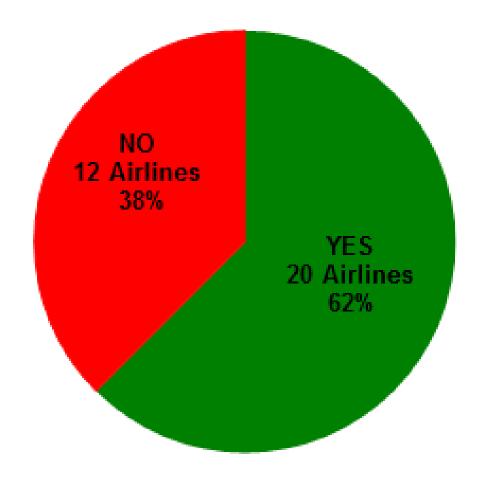




- Airlines that make use of alpha-numeric call-signs (home base)
- Airlines that make <u>NOT</u> use of alpha-numeric call-signs (home base)

Number of Airlines using alpha-numeric ATC call-signs





The ICAO MID Region: Acceptance of alpha-numeric Call-Sign



The following table indicates either the entire region or individual countries, where Airlines specifically pointed out to not use alpha-numeric call-signs (- number of voting in brackets).



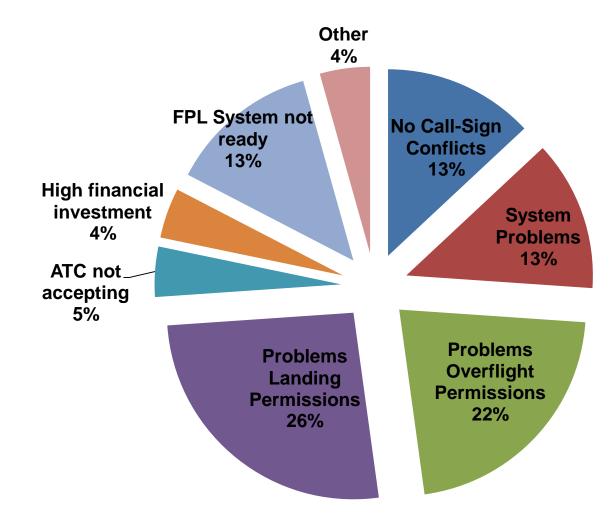
- 5 Airlines pointed out, that they do not/cannot use alpha-numeric call-signs in the ICAO MID Region.
- Specifically, the following countries were listed to be of a 'challenge':
 - Afghanistan
 - Egypt
 - Iraq
 - U.A.E.

Landing/Overflight Permissions:
Have you experienced problems
requesting/accepting overflight
permissions when making use of
'alpha-numeric' ATC call-signs?

MID
Region (1)
L - Kuwait (2)
L/O - U.A.E. (1)
O - Lebanon (1)
O - Qatar (1)
O - Saudi Arabia (2)
O - Libya (1)
O - Iraq (1)
O - Syria (1)
O - Yemen (1)

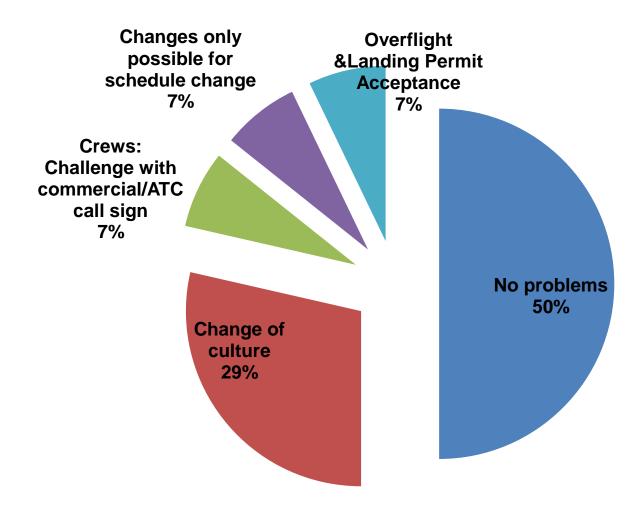
Why Airlines do not use alpha-numeric ATC call-signs:





Post-Implementation Analysis What were the biggest problems you faced?





Supporters & Stakeholders





U.A.E. GCAA

IATA

(Regional Offices and Headquarter)

CANSO

- Middle East Office

ICAO

- Regional Offices







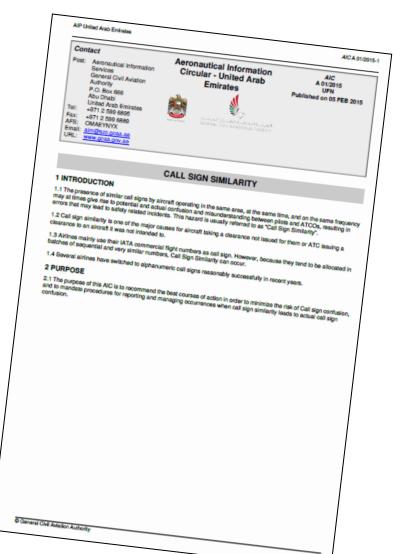




Dubai Air Navigation Services

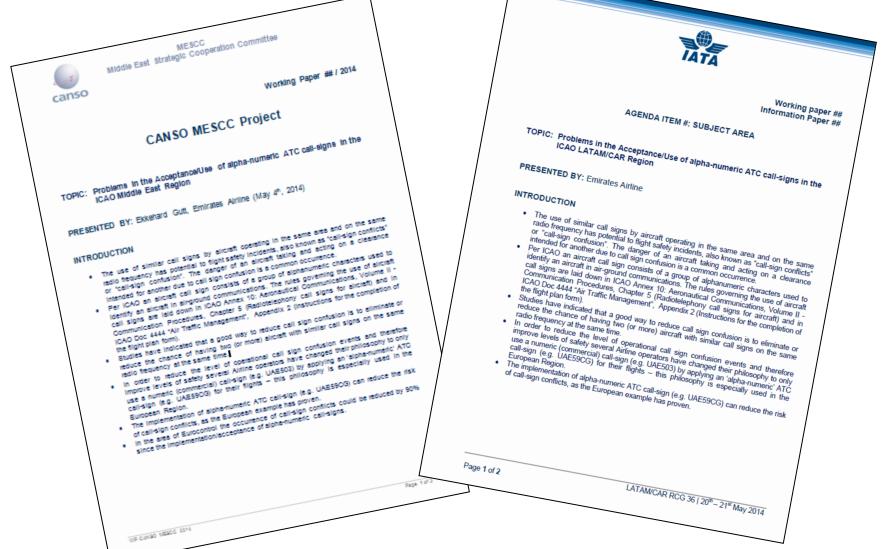
U.A.E. GCAA has issued an AIC dealing with "Call Sign Similarity"





EK: Working Papers raised at CANSO & all IATA Regional Offices

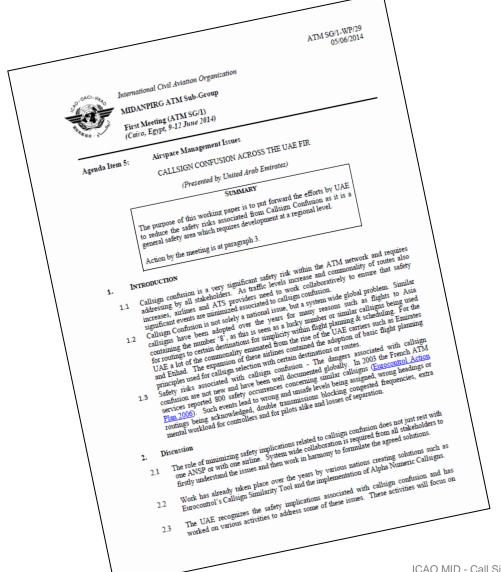




U.A.E.: MIDANPIRG ATM Sub-Group 2014

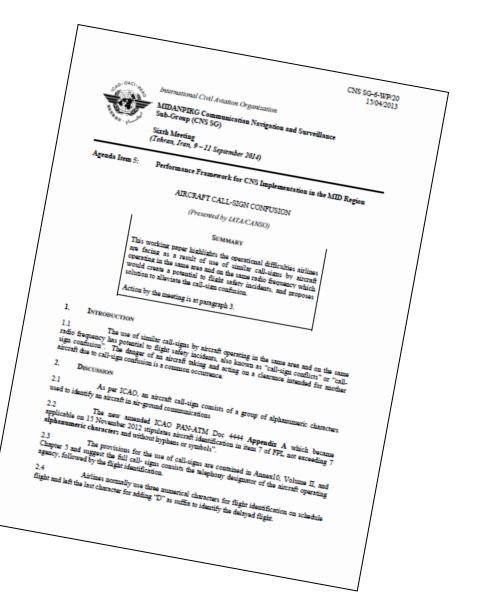
Working Paper: Call-Sign Confusion across the UAE FIR





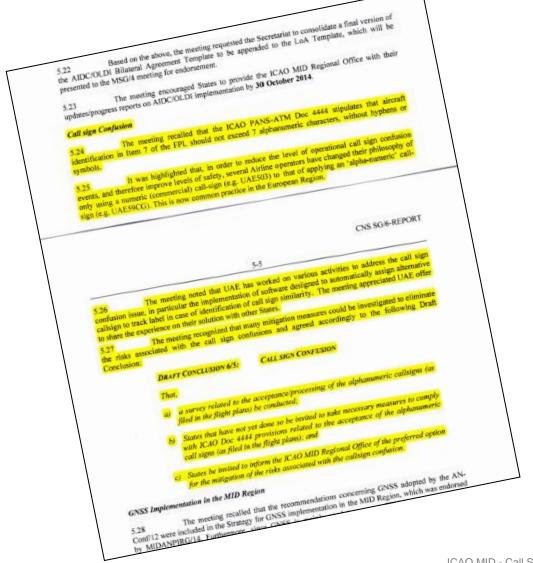
ICAO MID Region: Safety Group WP





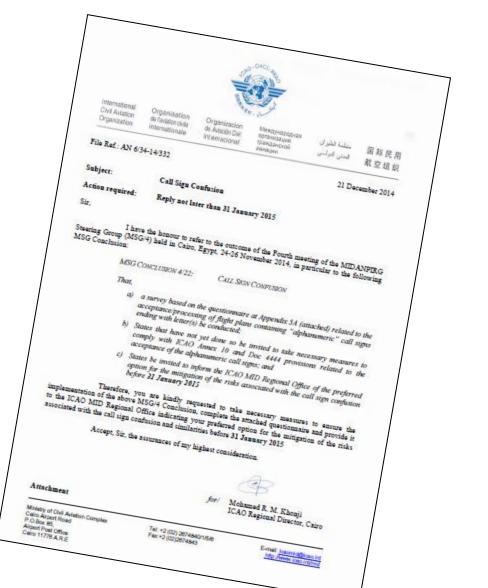
ICAO MID: CNS SG/6 Report





ICAO MID Region: State Letter





The Challenges



- Air Navigation Service Providers/ANSPs (ATC)
- Airports
- Overflight Permission Authorities
- Landing/Departure Slot Units
- Airline Systems
- "Mind Setting"





EK – The 'Project Plan'





Simulate

FPL Trials,
 System Checks,
 Flight Trials



<u>Plan</u>

Surveys,
 Questionnaires,
 Overflight
 Permission
 Requests,
 Airport Slots



Operations

Use of alphanumeric call signs on a step-by-step basis for environments, where acceptance is fully confirmed.



Post Review

 Review operational results and problems and challenges. Statistics. Gradually increase the usage



Outlook



Our Vision for the future...



"Our vision for our future global ATM system is one where a pilot can fly into Dubai

Djakarta Brussels

Lagos without any differences

in equipment, procedures, or the quality of air traffic services."

FAA Administrator Marion Blakey











Use of alpha-numeric ATC Call-Signs: We have a challenging plan for 2K15!





Thank you very much for your attention.

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