

ACI APEX in Safety

APRAST/9 Runway Safety Workshop

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Presentation Outline

- What is APEX for Safety?
- How does it work?
- Who has participated?
- Why should you participate?
- How to participate?



What is APEX for Safety ?

- Airport Excellence for Safety
- Peer safety review for airports
- It is NOT an audit
- ACI initiative launched in May 2011
- Technical assistance/advice to improve aerodrome safety



How Does APEX Work?

- Airport (Host) requests for assistance
- ACI assembles team
 - Safety Partner (safety expert from other airports)
 - ICAO staff
 - ACI staff
 - Others experts
- Team conducts on-site review (1 to 2 weeks)

How Does APEX Work?

- Checklist based on ICAO SARPs and ACI and best practices
- Report on gaps and recommendations





APEX Team in Action



Abu Dhabi March 2014



Team Conducting Review with Client



Abu Dhabi March 2014

Typical Areas Covered

- Airfield signs, lightings and markings
- SMS
- Rescue and Firefighting
- Runway safety
- Wildlife management





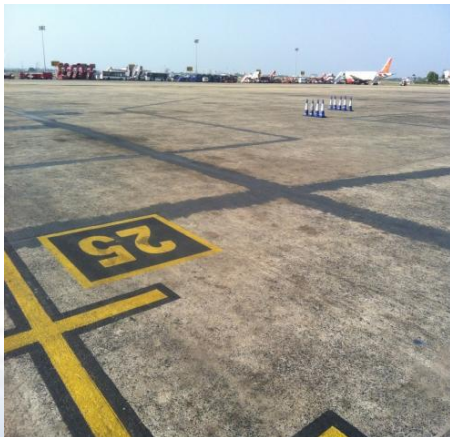
What have been the Major Findings?

- Incompliant Airfield Signs, Markings, Lights
- Inadequate SMS
- Inadequate RFF facilities
- Inadequate maintenance program
- Inadequate training



Incompliant Signs & Markings

- Wrong location
- Faded
- Old markings not completely removed
- Signs obscured by grass
- Closed taxiways not signposted





Non-Frangible Obstacles





Inadequate SMS

- SMS manual exists but...
- Lack of hazard identification procedure and training
- Not updated to SMS manual 2013 edition
- No audits on service providers, e.g. ground handlers, conducted
- Lack of good safety culture
- Focus on disciplinary action rather than root cause analysis

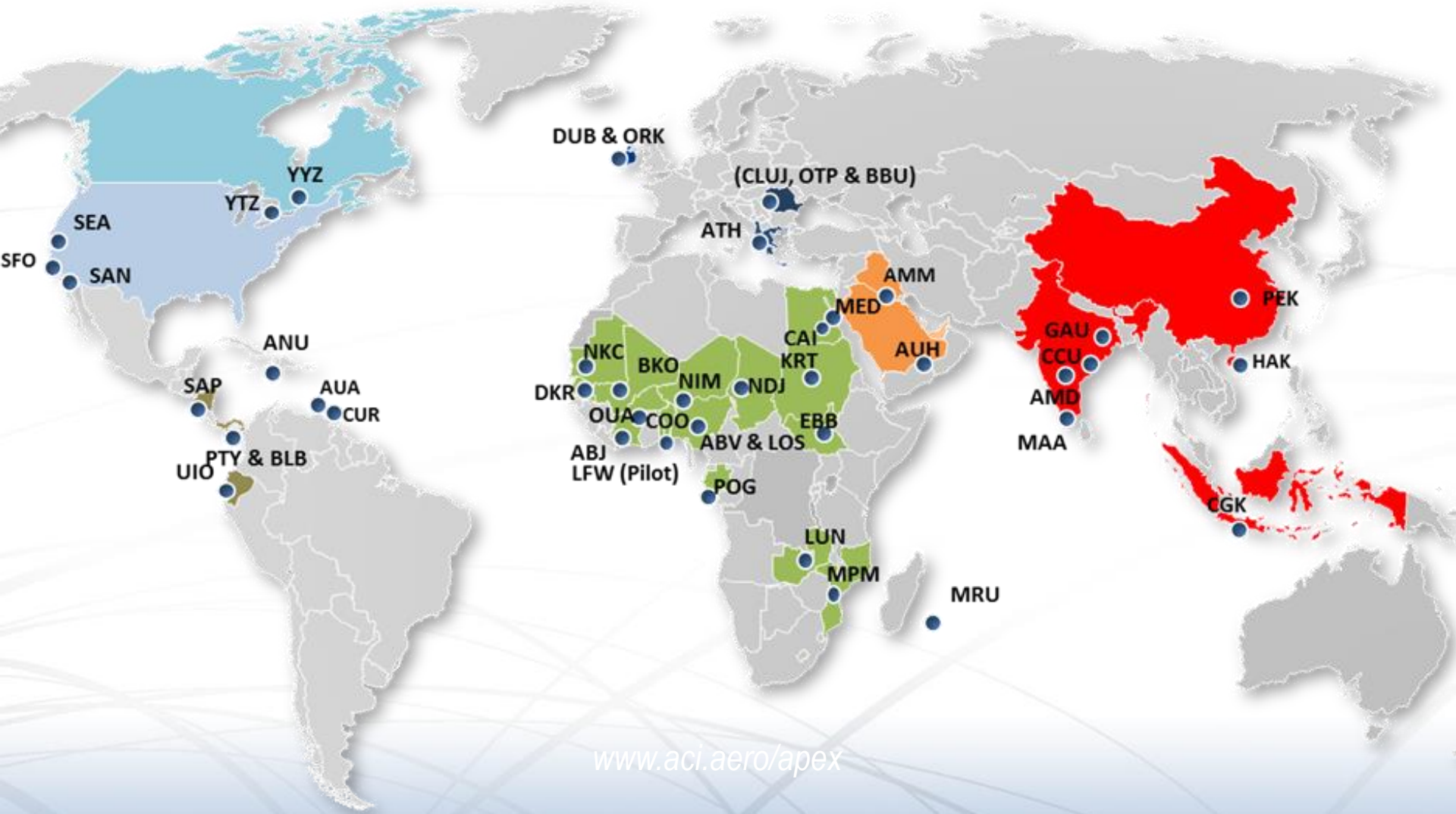


Inadequate RFF

- Inadequate firefighting gear
- Expired foam
- Inadequate fire training facilities
- Lack of training
- Poor training records



Who Has Participated in APEX?





Why Should Your Airport Participate?

- There are always things to learn!
- Less expensive than hiring consultant
 - Only need to pay for travel expenses of APEX team
- More sharing of experience (not an audit)
- Confidential



How to Participate?

- www.aci.aero/Services/APEX-in-Safety
- Write to us sl@aci-asiapac.aero
- We will give you a quote