

**AIRPORT / COMMUNITY ROUNDTABLE
MEETING NO. 263 OVERVIEW**
Wednesday, April 1, 2009

1. Call to Order, Roll Call

Mark Church, County of San Mateo Supervisor and Roundtable Chairperson, called the Regular Meeting of the Airport/Community Roundtable to order, at approximately 7:10 p.m. on April 1, 2009 in the David Chetcuti Community Room, at the Millbrae City Hall in Millbrae, California. David F. Carbone, Roundtable Coordinator, called the roll. A quorum (at least 12 Regular Members) was present, as follows:

Regular Members Present

Mike McCarron, City and County of San Francisco Airport Commission (Alternate)
Mark Church, County of San Mateo Board of Supervisors and Roundtable Chairperson
Coralin Feierbach, City of Belmont
Sepi Richardson, City of Brisbane
Jerry Deal, City of Burlingame
David Canepa, City of Daly City
Naomi Patridge, City of Half Moon Bay
Christine Krolik, Town of Hillsborough
Marge Colapietro, City of Millbrae
Steve Toben, Town of Portola Valley
Jim Hartnett, City of Redwood City
Ken Ibarra, City of San Bruno
Omar Ahmad, City of San Carlos
John Lee, City of San Mateo
Mark Addiego, City of South San Francisco
David Burow, Town of Woodside

Regular Members Absent

City and County of San Francisco Board of Supervisors (Vacant)
City and County of San Francisco Mayor's Office Representative
C/CAG Airport Land Use Committee (ALUC)
Town of Atherton
City of Foster City
City of Menlo Park
City of Pacifica

Advisory Members Present

Elisha Novak, Airports District Office, Burlingame
Sean Cullinane, SFO Air Traffic Control Tower

Roundtable Staff / Consultants

David F. Carbone, Roundtable Coordinator
Heather R. Hoshii, Assistant Roundtable Coordinator / Consultant
Walter Gillfillan, Roundtable Project Manager / Consultant
Carla DeLuca, Roundtable Media Program / Consultant

San Francisco International Airport Staff

Bert Ganoung, Noise Abatement Manager
David Ong, Noise Abatement Systems Manager
Dia Wynn, Senior Noise Abatement Specialist

2. Public Comment of Items Not on the Agenda

NONE

3. Consent Agenda Items

- a. Review of Airport Director's Report for January 2009
- b. Review of Airport Director's Report for February 2009
- c. Review of Roundtable Meeting Overview for February 2009
- d. Review of Correspondence / Informational Items for April 2009

Comments / Concerns / Questions: NONE

ACTION: Jim Hartnett **MOVED** approval of Consent Agenda items 3.a. – 3.d. The motion was **SECONDED** by Sepi Richardson and **CARRIED, UNANIMOUSLY.**

REGULAR AGENDA

4. Monthly Airport Director's Report (Reported by Mike McCarron on behalf of John Martin, Airport Director)

Comments / Concerns / Questions:

- The second phase of the noise monitor upgrade is in the acceptance testing phase.
- The FAR Part 150 Noise Exposure Map (NEM) update is currently under review by the FAA
- SFO is expected to receive approximately 20.1 million in federal stimulus funding
- Of the stimulus funding, \$5.5 million will be used for the overlay of Runway 28L/10R and \$15.6 million for the explosive detection system (EDS) infrastructure for Terminal 2

5. Overview of New FAA Website: NoiseQuest

Comments / Concerns / Questions:

- NoiseQuest is a new website launched by the FAA in March 2009 that was created to serve as an education and informational resource regarding aviation noise
- The website address is: www.noisequest.psu.edu
- The website was developed as part of the current research efforts of PARTNER – the Partnership for **AiR** Transportation **N**oise and **E**missions **R**eduction – an FAA/NASA/Transport Canada – sponsored FAA Center of Excellence

- The website is designed to help improve the public's understanding of aviation noise, provide a forum to discuss aviation noise issues, and foster better relations between airports and their surrounding communities
- Roundtable members suggested a press release or other formal communication from the Roundtable be sent out to notify the cities and communities surrounding SFO about the new FAA website

6. Report on Airport / Community Roundtable and Oakland Airport-Community Noise Management Forum Representatives Joint Visit to the FAA Northern California Terminal Radar Approach Control (NORCAL TRACON) Facility Near Sacramento, CA

Comments / Concerns / Questions:

- Roundtable members were invited by the Oakland Airport-Community Noise Management Forum members to join them on a visit to the NORCAL TRACON facility
- The following Roundtable Members and Staff toured the TRACON facility and met with TRACON staff 1) Julian Chang, 2) Sepi Richardson, 3) Jay Benton, 4) Art Kiesel, 5) David Carbone, 6) Richard Flaa
- Those that were not able to participate this time, but are interested in visiting NORCAL TRACON in the future should contact Roundtable Staff

7. 2008 – 2009 Roundtable Work Program Items:

- a. Review of Semi-annual Report on the Crossing Altitude of Oceanic Arrivals Over the Woodside VOR (OSI)

Comments / Concerns / Questions:

- The SFO Aircraft Noise Abatement Office began monitoring flights crossing over the Woodside VOR (OSI) in 2004
- Most of the aircraft included in the Oceanic Arrivals at the Woodside VOR Semi-annual Report approach the airport via the following route: Briny Intersection, over the Woodside VOR at 8,000 feet and into SFO
- Due to the inaccuracies of radar the FAA only guarantees altitude readings +/- 300 feet
- For purposes of this report any aircraft crossing the Woodside VOR at or above 7,700 feet is considered to be at the desired 8,000 foot altitude due to the limitations of the radar system
- The number of Oceanic Arrivals crossing the Woodside VOR between the hours of 2230-0630 below 7,700 feet tends to increase during the winter months, due to poor weather conditions and flights being vectored by air traffic control
- Oceanic Tailored Arrivals began in June 2008 and have resulted in some aircraft crossing OSI below 8,000 feet
- To date, no noise complaints have been correlated to aircraft flying an Oceanic Tailored Arrival crossing over OSI

b. Fly Quiet Program Quarterly Report, 4th Quarter 2008

Comments / Concerns / Questions:

- The SFO average Fleet Noise Quality rating was up slightly from last quarter at 5.04 to 5.08 in the 4th quarter
- The SFO average Noise Exceedance rating was up 0.26 from last quarter at 8.87
- The SFO average Nighttime Preferential Runway Use rating was up significantly during the 4th quarter from 2.45 to 4.78
- The SFO average Shoreline Departure Rating was up 0.17 from last quarter
- The SFO average Gap Departure rating has improved over last quarter from 4.45 to 6.11
- The SFO average Foster City rating was up from 6.61 to 7.13

c. Review of New Technology, RE: Aircraft Noise Reduction

Comments / Concerns / Questions:

- Two approaches to noise mitigation that promise specific noise reduction at the source are 1) jet engine redesign and 2) airframe design modification
- Pratt & Whitney, a jet engine manufacturing company, is currently testing a redesigned jet engine similar to a turbo-prop engine for commercial aircraft
- The redesigned engine uses fewer fan blades and a slower rotation resulting in an engine that produces less noise
- At this time the exact noise reduction is unknown but it is estimated that a reduction of at least 10% can be achieved from the redesigned engine
- Currently the redesigned engine is planned to enter commercial service on the Bombardier C Series aircraft in 2013
- NASA is currently working with Boeing on a new airframe design concept
- The new airframe concept diverts from the traditional tube/wing configuration to a blended wing/body.
- Boeing is currently flying an un-manned, sub-scaled blended wing/body model in tests as part of its research program
- NASA's research goals include designing a subsonic blended wing/body cargo aircraft to meet specified fuel burn, emission and noise reduction criteria
- The cargo design was selected as the first priority because it is a simpler design due to the lack of passenger windows and extensive cabin pressurization and cabin evacuation requirements

d. Update on the Roundtable Fly Quiet Video Project

Comments / Concerns / Questions:

- Roundtable Staff at the direction of the Roundtable has established a contract between San Mateo County and Bryan Kingston Media for video production services
- Filming for the Fly Quiet Program Video has begun

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- A key component of the video will be interview segments from industry professionals as well as “sound bites” from Roundtable Members
 - Portions of the April 1, 2009 Roundtable Meeting were filmed for inclusion in the Fly Quiet Program Video
 - Roundtable Members were asked to volunteer and participate in “mini interviews” to be included in the video
- e. Appointment of a Roundtable Work Program Subcommittee RE: Preparation of a Draft Work Program for FY 2009-2010

Comments / Concerns / Questions:

- The Roundtable prepares and adopts an annual Work Program to provide guidance for the content of each meeting agenda and to focus Roundtable discussions / actions / resources on topics of interest to its member agencies and the public
- A draft Work Program is prepared by a Roundtable Work Program Subcommittee
- The 2008-2009 Work Program Subcommittee members were: 1) Mark Church, 2) Jack Barry, 3) Sepi Richardson, 4) Sue Digre, 5) Linda Koelling
- It is anticipated that the Roundtable Work Program Subcommittee will meet during the month of May in order to develop a draft Work Program to be presented to the full Roundtable at the June 2009 meeting
- The following Roundtable Representatives volunteered to participate on the 2009-2010 Work Program Subcommittee: 1) Mark Church, 2) Sepi Richardson, 3) David Burow and 4) Omar Ahmad

f. “Noise 101” Workshop, Part 1: Overview

Comments / Concerns / Questions:

- The “Noise 101” Workshop was cancelled due to lack of participation

8. Member Communications / Announcements

Comments / Concerns / Questions: NONE

9. ADJOURN

The meeting adjourned at approximately 8:30 pm.

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