

# Southern California TRACON and SAN ATCT



Federal Aviation  
Administration



Presented To:  
SAN ANAC Subcommittee  
September 28, 2016

# PRESENTERS

**Barry J. Davis**

*Air Traffic Manager  
Southern California TRACON*

**Rick Savage**

*Air Traffic Manager  
San Diego International Airport*



# What is an Air Traffic Controller?



# Air Traffic Control Tower



# TRACON



# Example of Radar Display at TRACON



# Ultimately, we work for you...

- The flying public

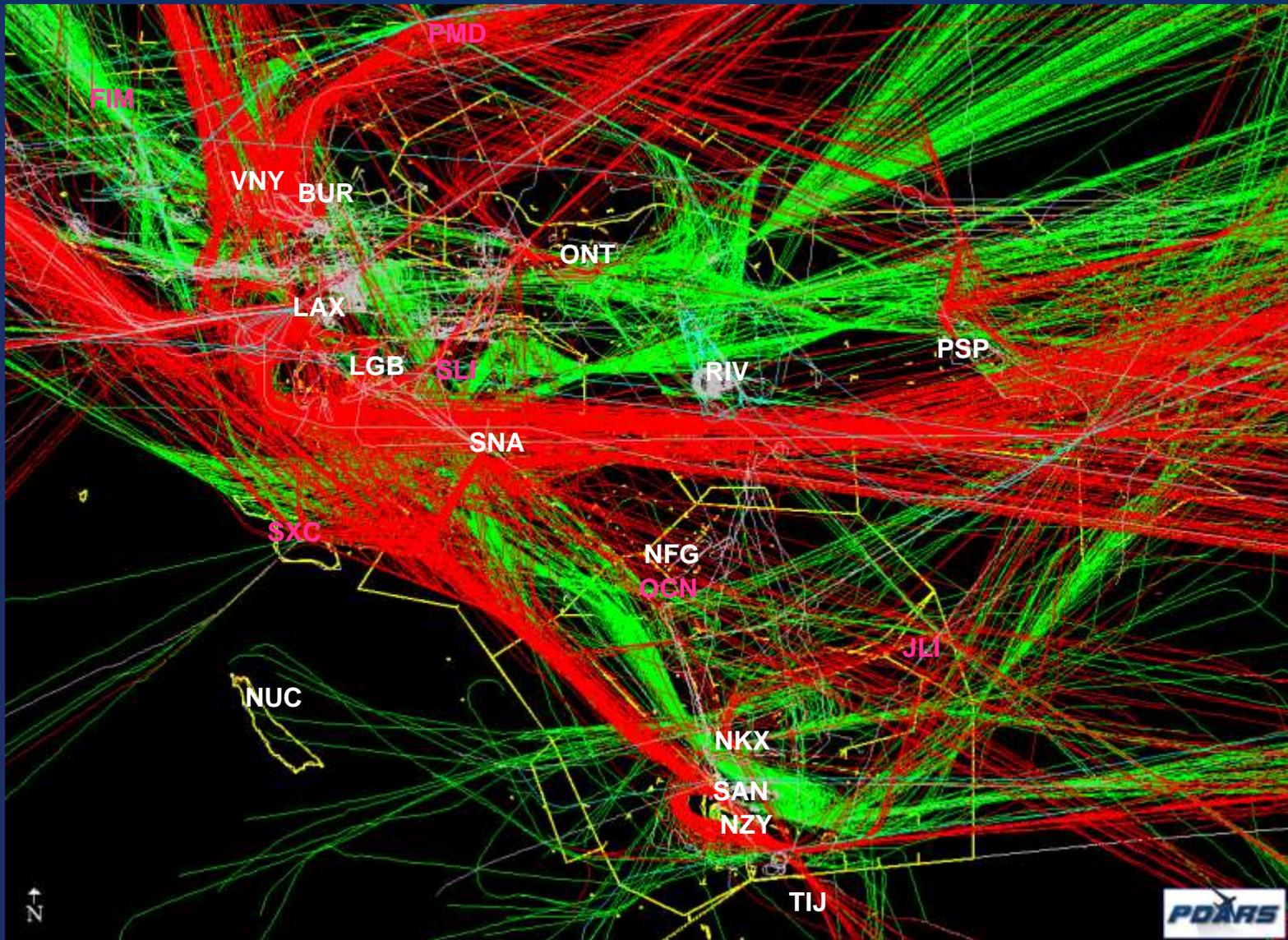




**The primary service of the Air Traffic Organization is to move air traffic safely and efficiently. Our customers are commercial and private aviation and the military. Our employees are the service providers - the 34,000 controllers, technicians, engineers and support personnel whose daily efforts keep the airplanes moving.**



# Example of One (1) Days Jet Flight Tracks –



# SOUTHERN CALIFORNIA TRACON

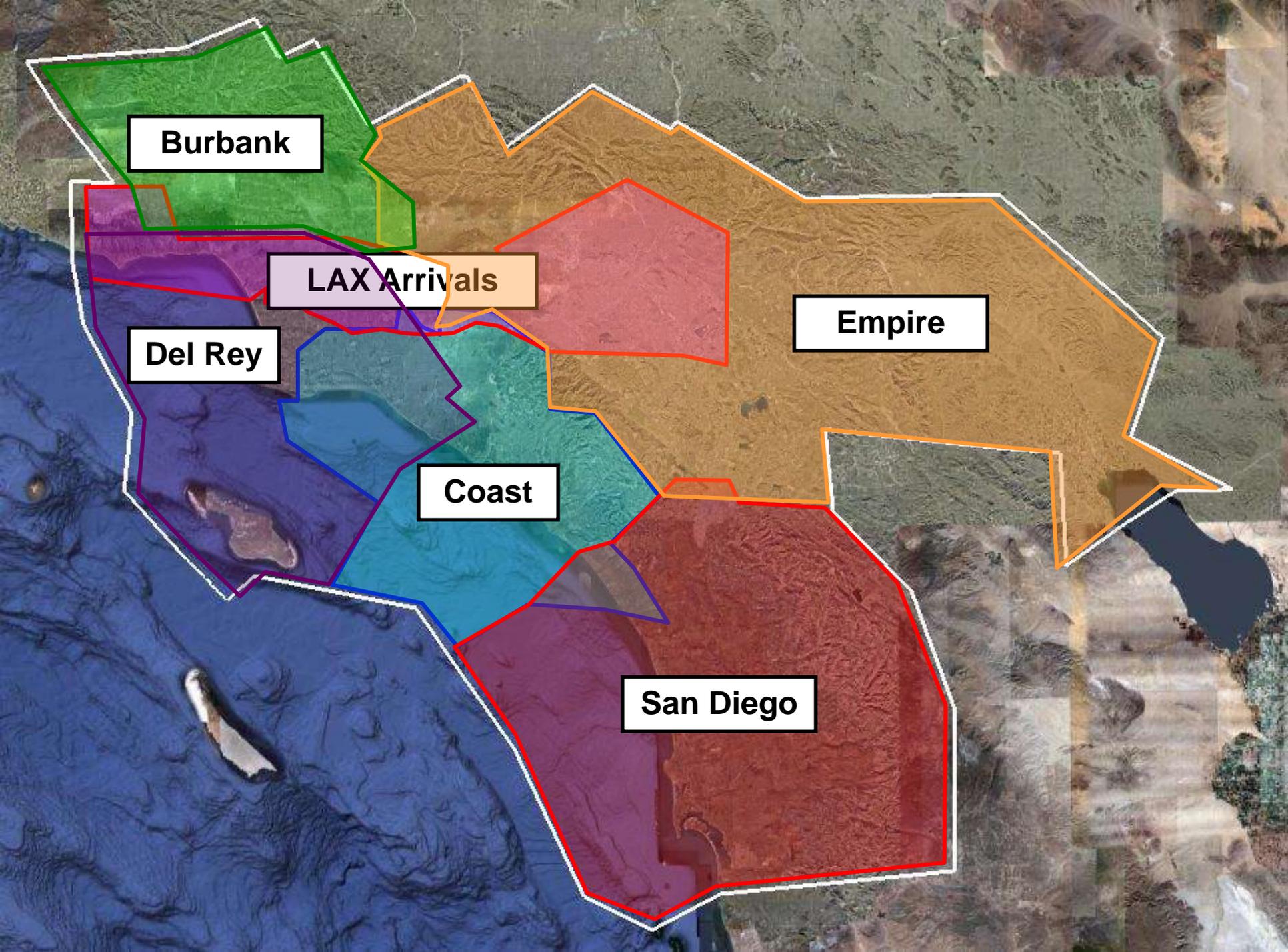
**SCT is a consolidation of 5 of the FAA's high activity TRACONs, and Palm Springs TRACON.**

**These 6 TRACONS have formed SCT's current 6 Areas:**

<b>BURBANK TRACON.....</b>	<b>BURBANK AREA</b>
<b>LOS ANGELES TRACON.....</b>	<b>ARRIVALS AREA</b>
<b>LOS ANGELES/COAST TRACONS.....</b>	<b>DEL REY AREA</b>
<b>ONTARIO TRACON.....</b>	<b>EMPIRE AREA</b>
<b>COAST TRACON.....</b>	<b>COAST AREA</b>
<b>SAN DIEGO TRACON.....</b>	<b>SAN DIEGO AREA</b>

*SCT airspace covers an area ranging from the Mexican border to a point just south of Santa Barbara, and from a point west of Santa Catalina Island to a point east of Thermal (TRM).*





**Burbank**

**LAX Arrivals**

**Del Rey**

**Coast**

**San Diego**

**Empire**





BEACON INTERROGATOR

RADAR MDT/MTI

USA136  
SFO N B737  
150 350

PRIMARY RADAR  
(DIGITAL)



SECONDARY RADAR  
(DIGITAL)  
Federal Aviation  
Administration



# STANDARD OPERATING PROCEDURES

## 11-13-2. SECTOR SPECIFIC DUTIES AND RESPONSIBILITIES

### b. Departures

**(1)** Runway 27. Unless required for separation purposes, SAN turbojet departures must not be vectored off the initial route until one and one half (1 ½) miles west of the shoreline. Additionally, aircraft routed south and east bound must be vectored to pass over or south of Fort Rosecrans. These restrictions are represented on the radar video map as a series of dots.

### **(2)** Runway 9/27.

**(a)** Unless required for separation purposes, SAN turbojet departures must not be vectored off the initial route until west of the shoreline. Additionally, aircraft routed south and east bound must be vectored to pass over or south of Fort Rosecrans. These restrictions are represented on the radar video map as a series of dots.



# SCT/SANT LOA

(8) Between the hours of 2200 and 0630 local, departures normally assigned a 275 degree heading shall be assigned a 290-degree heading for vectors to the next fix. Departures normally assigned a BORDER / POGGI SID shall be assigned a 290-degree heading for vectors to the BORDER / POGGI SID.

## Missed Approach's

1. Aircraft on a published instrument approach (for either runway), issue the published missed approach.
2. Aircraft on a visual approach:
  - a. Runway 27: Heading 275, maintain 2500 feet.
  - b. Runway 9: Heading 090, maintain 4000 feet.
3. Runway 27: Heading 250/Maintain 2500 ft. MSL. Tower may assign this heading prior to coordination with TRACON. Tower shall coordinate as soon as practical with TRACON if this heading is assigned.



# NOISE ABATEMENT PROCEDURES

## Controller Briefings

Periodically SCT re-briefs the controller workforce on noise abatement procedures.

The San Diego Area received a briefing on the San Diego Lindbergh noise abatement procedures outlined in the SCT SOP and SCT/SANT LOA on **OCT 14, 2015**



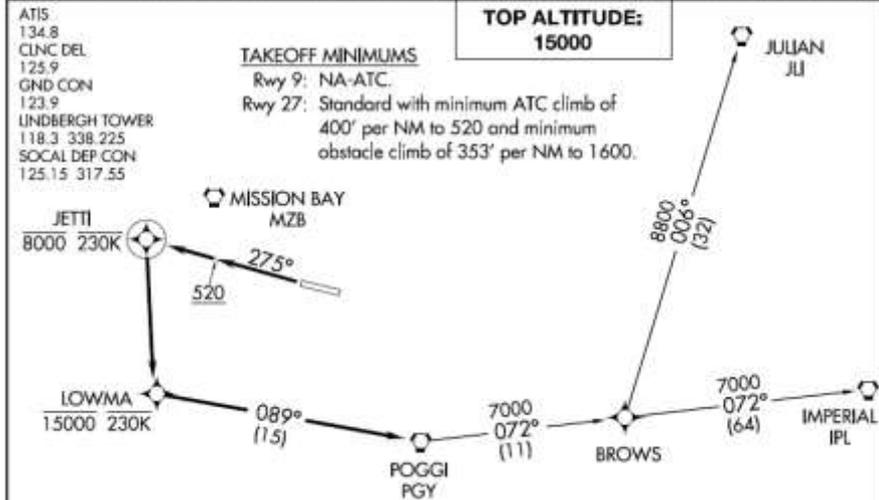


(POGGI5.PGY) 15232

# POGGI FIVE DEPARTURE (RNAV)

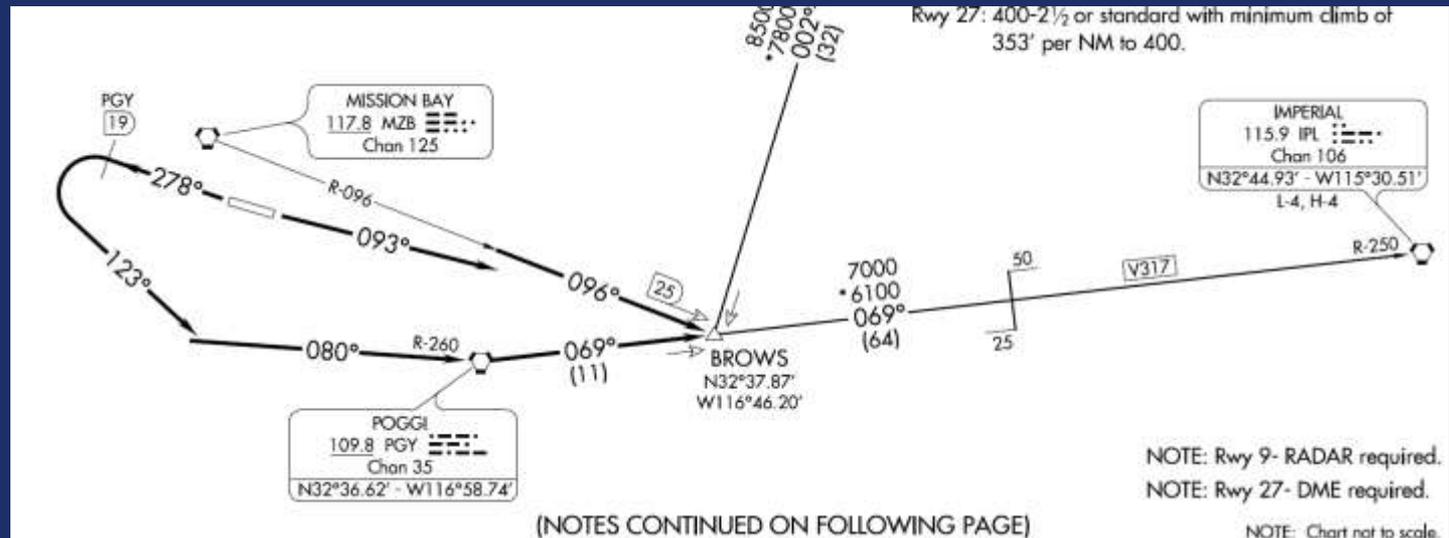
SI-373 (FAA)

SAN DIEGO INTL (SAN)  
SAN DIEGO, CALIFORNIA



# POGGI FIVE

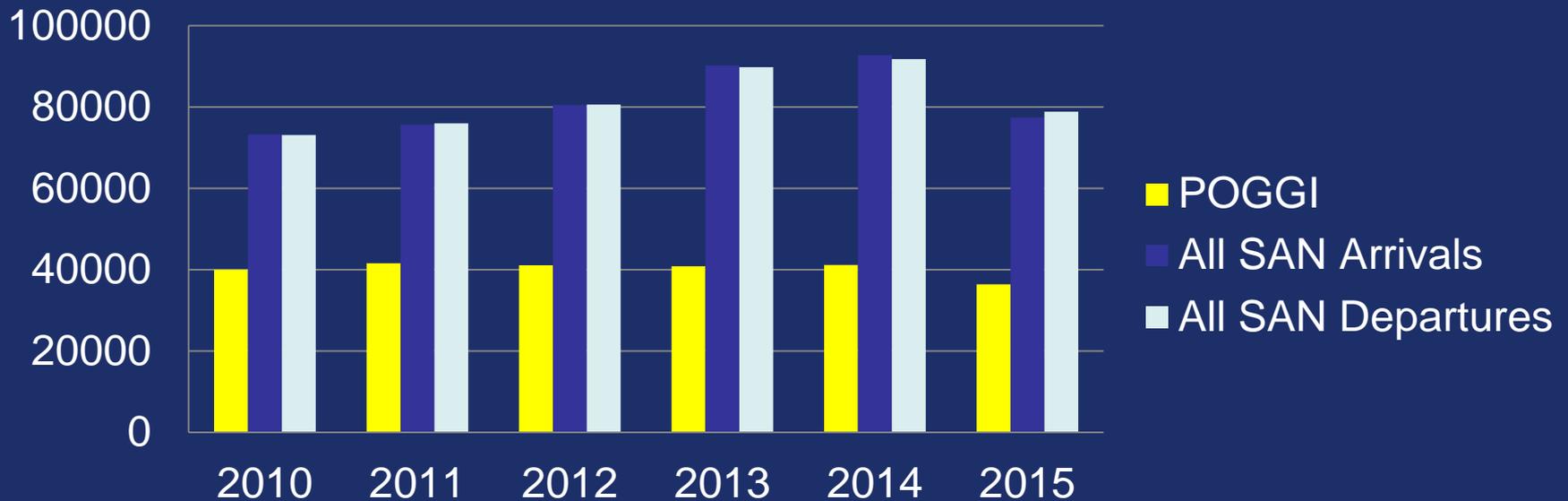
# BORDER SEVEN



Federal Aviation Administration

Year	All SAN Arrival	All SAN Departures	POGGI Departures
2010	73288	73113	39981
2011	75708	75986	41564
2012	80529	80576	41103
2013	90197	89792	40829
2014	92761	91764	41172
2015	77418	78835	36394
<b>Grand Total</b>	<b>489901</b>	<b>490066</b>	<b>241043</b>

## SAN Traffic Counts

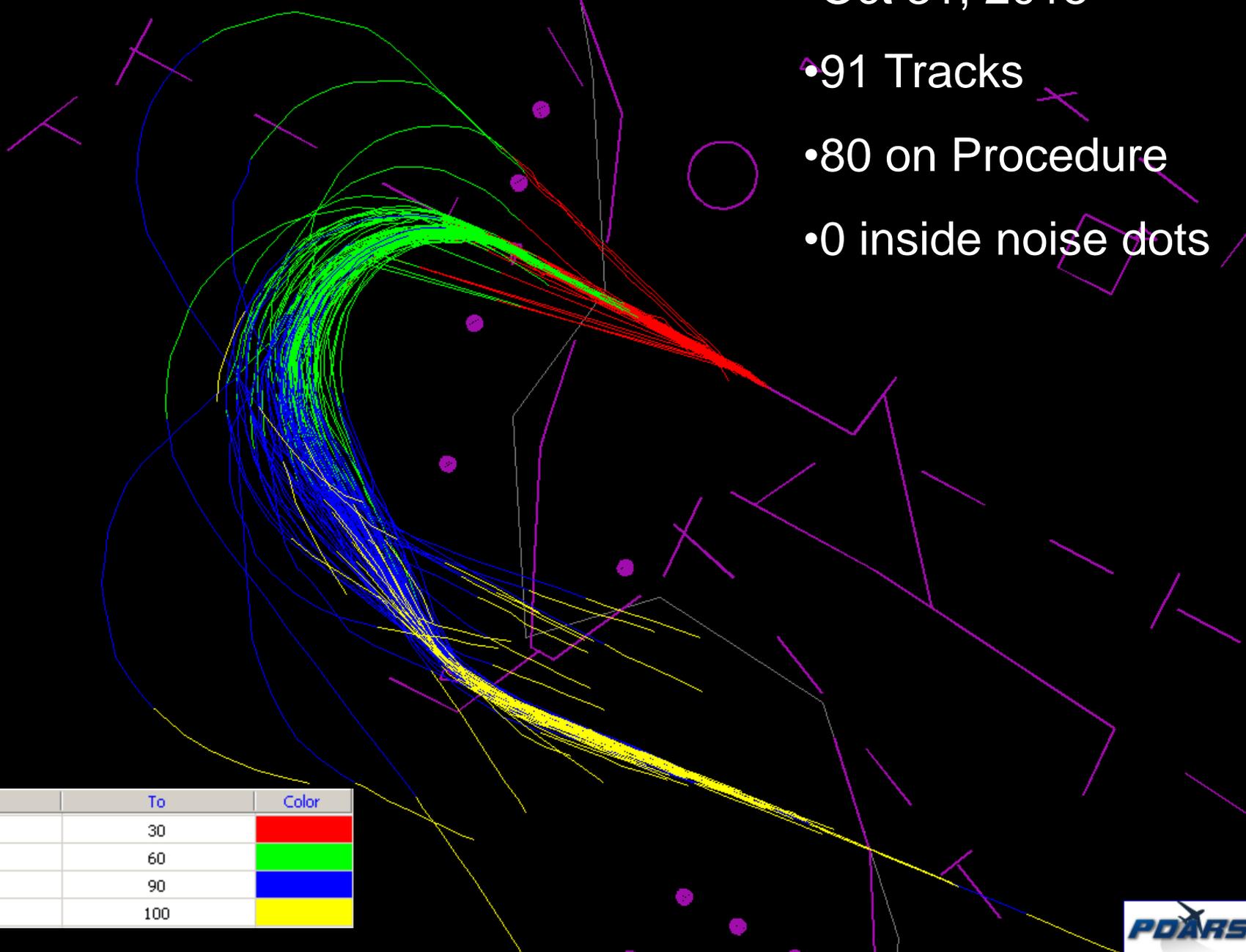


- Oct 15, 2015
- 129 Tracks
- 78 on Procedure
- 2 inside noise dots

From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow



- Oct 31, 2015
- 91 Tracks
- 80 on Procedure
- 0 inside noise dots

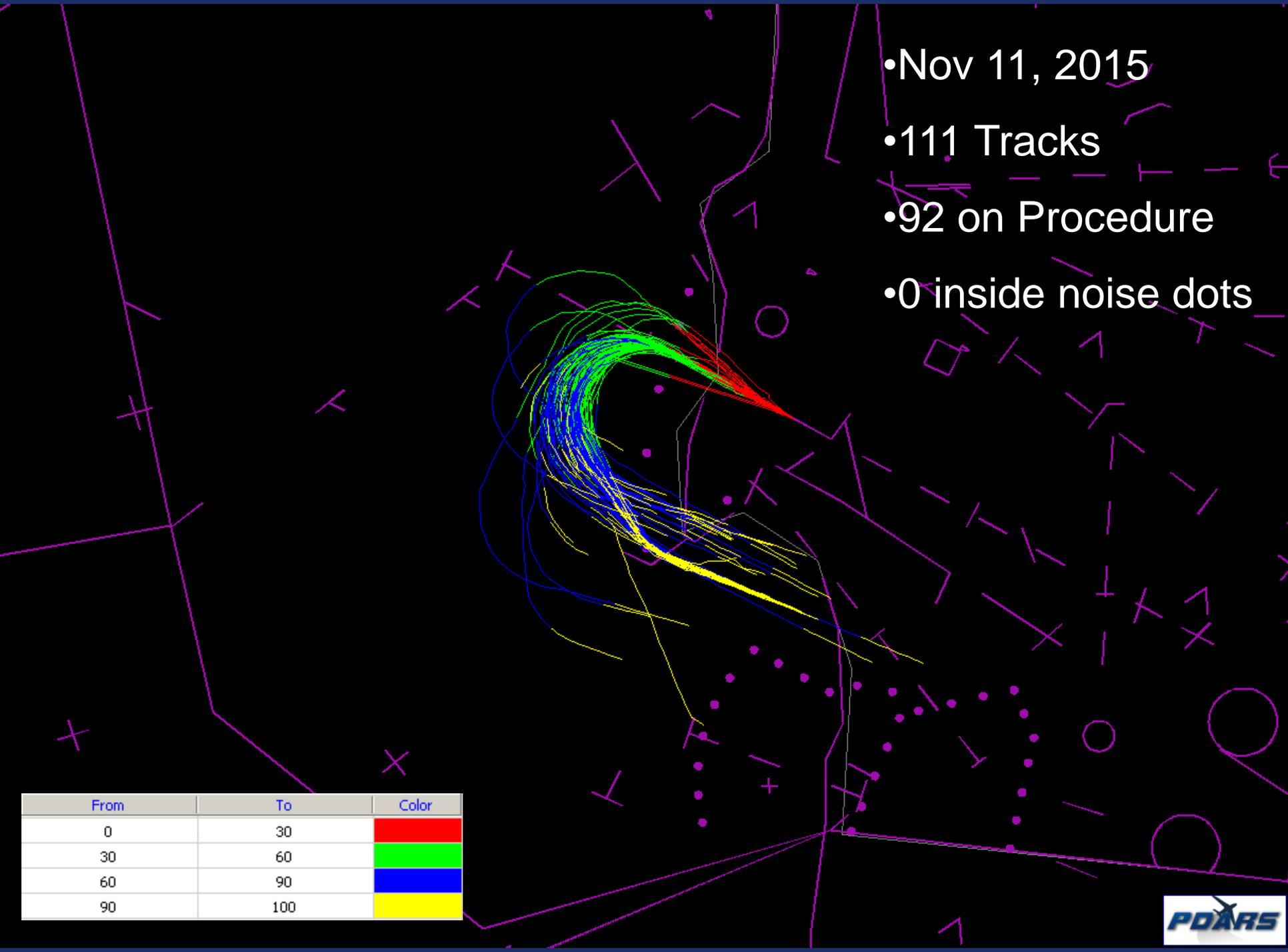


From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

- Nov 3, 2015
- 99 Tracks
- 55 on Procedure
- 4 inside noise dots

From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

- Nov 11, 2015
- 111 Tracks
- 92 on Procedure
- 0 inside noise dots



From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

**THANK YOU**

**QUESTIONS?**

