

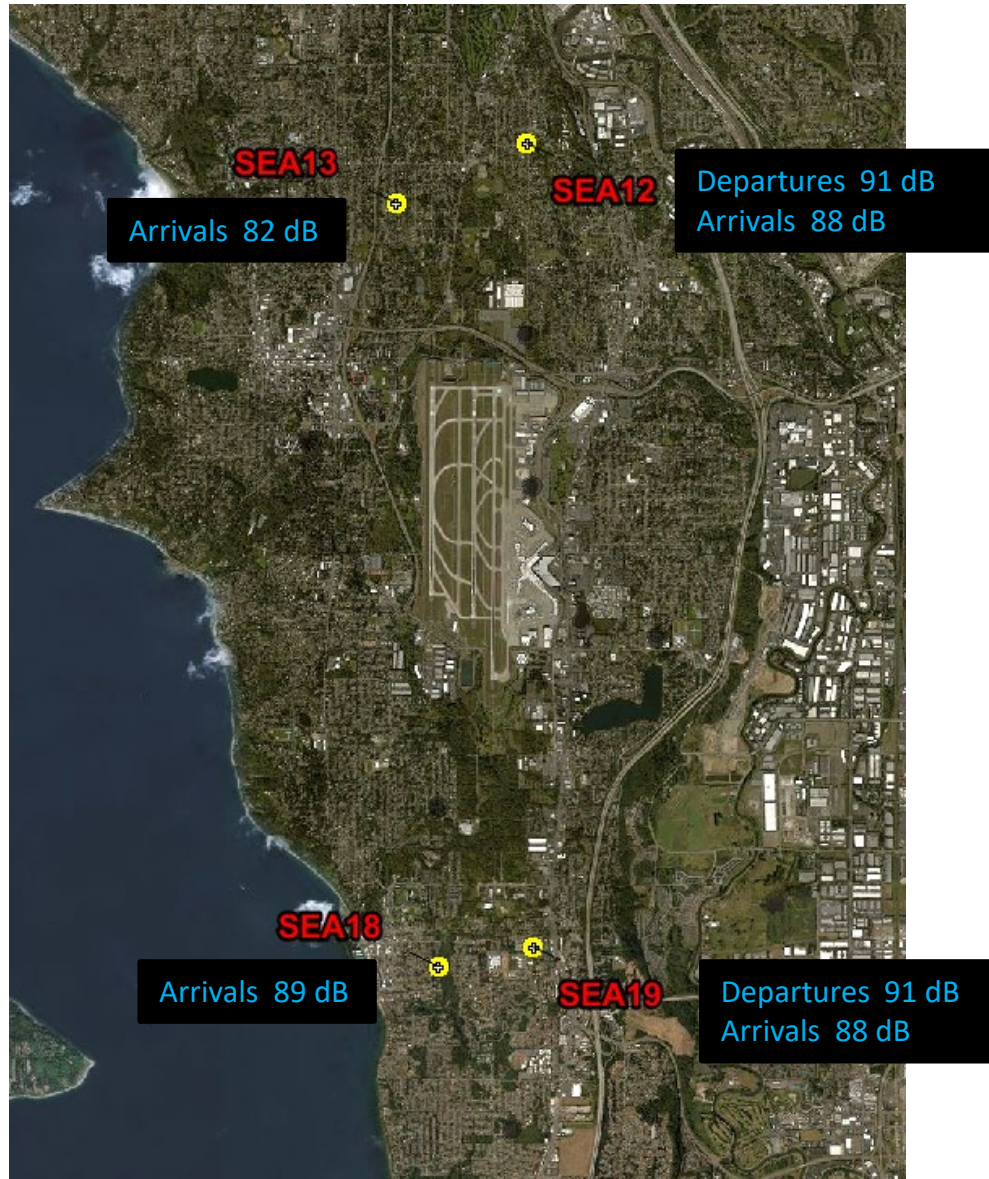
# Late Night Noise Limitation Program – Third Quarter Results

StART, October 23, 2019

# Late Night Noise Limitation Program Overview

- Focus on operations between the hours of 12am to 5am
- Noise thresholds established at 4 noise monitor locations for departures and arrivals
- SEL (single-event level) noise metric used
- Annual Fly Quiet Award scoring effected

# SEL Noise Thresholds



# Third Quarter Results

## Airlines That Exceeded Noise Thresholds

Airline	Total Ops	Exceedances	% of Ops
EVA Air	120	85	71%
FedEx	85	57	67%
China Airlines Cargo	35	31	89%
Cargolux	20	14	70%
Korean Air Cargo	30	12	40%
Asiana Cargo	12	9	75%
Air Transport Intl	294	7	2%
American	310	5	2%
Air China Cargo	4	4	100%
Atlas Air	5	4	80%
Volga-Dnepr Airlines	3	3	100%
Kalitta Air	5	3	60%
Western Global Airlines	5	3	60%
Alaska Airlines	976	2	less than 1%

Each airline with exceedances will be contacted

# Airlines that Operated During Late Night Hours with No Exceedances

<b>Airline</b>	<b>Total Ops</b>
Delta Airlines	554
United Airlines	416
Spirit Airlines	253
Southwest	195
JetBlue	137
Cathay Pacific	88
Frontier Airlines	86
Sun Country Airlines	73
Horizon Airlines	69
Compass Airlines	39
Air Canada	13
ABX Air	13
Hawaiian Airlines	10
Omni Air International	10
SkyWest Airlines	3
Xiamen Air	1

Each airline that operated will be contacted

# Additional Data

- 3874 Total Operations during late night hours
- 239 Total Operations exceeded thresholds – 6%
- 62% of exceedances were cargo operations

Data will be tracked on quarterly basis

# Status & Next Steps

- Q3 Report released on Port's website
- Letters sent to all airlines operating during late night hours
- In-person meetings with airlines with frequent exceedances
- Further outreach efforts