



Nantucket Memorial Airport
- noise abatement compliance report -



- monthly summary -
- february 2010 -

This summary of VFR compliance for the month of February 2010 contains six sections:

1. Monthly Combined Percentage of Compliance
2. Daily Summary by Operator
3. Daily Meteorological Conditions including Active Runways
4. Operator Comparison Report
5. Operator/Air Taxi Comparison Bar Charts
6. Monthly Summary

Compliance was measured on days when VFR procedures were in effect and noise abatement routes were in use.

1. MONTHLY COMBINED PERCENTAGE OF COMPLIANCE

	JAN-10	FEB-10	% CHANGE
Northern and Eastern Routes	89.58%	91.53%	1.95%
Southern and Western Routes	82.80%	90.26%	7.46%
Combined Routes	86.92%	91.03%	4.11%

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- daily summary -
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2. DAILY SUMMARY BY OPERATOR

Location			Northern and Eastern Routes									Southern and Western Routes										
Airline			AMA Marine Lumber Non Comply	Cape Air ACK Air Non Comply	Colgan Air Non Comply	Island Airlines Non Comply	Shuttle Non Comply	GA Single Non Comply	GA Other Non Comply	Unknown Non Comply	Daily Total Comply	AMA Marine Lumber Non Comply	Cape Air ACK Air Non Comply	Colgan Air Non Comply	Island Airlines Non Comply	Shuttle Non Comply	GA Single Non Comply	GA Other Non Comply	Unknown Non Comply	Daily Total Comply		
Date	Times	Weather																				
02/01/10	6-7, 16-17	VFR	0	0	0	0	0	0	1	0	14	0	0	0	0	0	0	0	0	0	8	
02/02/10	7-8, 15-16	VFR	0	1	0	0	0	1	1	0	17	0	0	0	0	0	0	0	0	0	15	
02/03/10	15-16	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	6	
02/04/10	6-7, 13-14	VFR	0	0	0	1	0	0	0	0	11	0	0	0	0	0	0	0	0	0	1	
02/05/10	6:30-7:30, 14-15	VFR	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	3	
02/06/10	7-8, 11-12	VFR	0	2	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	4	
02/07/10	8-9, 16-17	VFR	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	
02/08/10	6-7, 17-18	VFR	0	0	0	0	0	1	1	0	12	0	0	0	0	0	0	0	0	0	0	
02/09/10	7-8, 16-17	VFR	0	1	0	0	0	0	0	0	17	1	0	0	0	0	0	1	0	0	10	
02/10/10	6:30-7:30	VFR	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	7	
02/11/10	7-8, 15-16	VFR	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	8	
02/12/10	6-7, 16-17	VFR	0	0	0	0	0	0	1	0	18	0	0	0	0	0	0	2	0	0	7	
02/13/10	7-8, 13-14	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	
02/14/10	6:30-7:30, 17-18	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	2	
02/15/10	6-7, 14-15	VFR	0	1	0	0	0	0	0	0	16	0	0	0	1	0	1	0	0	0	8	
02/16/10	15-15	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	
02/17/10	6-7	VFR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	
02/18/10	7-8, 18-19	VFR	0	0	0	0	0	0	0	0	8	0	0	0	1	0	0	0	0	0	8	
02/19/10	7:30-8:30, 20-21	VFR	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	
02/20/10	6-7, 14-15	VFR	0	0	0	0	0	1	1	0	6	0	0	0	0	0	2	0	0	0	3	
02/21/10	7-8, 12-13	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	1	
02/22/10	8-9, 16-17	VFR	0	0	0	0	0	0	1	0	7	0	0	0	0	0	0	1	0	0	10	
02/23/10	6-7, 18-19	VFR	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	7	
02/24/10	6-7, 7-8	VFR	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	4	
02/25/10	ALL DAY	IFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02/26/10	7-8, 10-11	VFR	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	5	
02/27/10	6-7, 13-14	VFR	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	6	
02/28/10	7:30-8:30, 17-18	VFR	0	0	0	2	0	0	0	0	7	0	0	0	1	0	0	0	0	0	8	
Monthly Total by Airline			1	6	0	4	0	3	6	0	216	1	0	0	4	0	4	6	0	139		
Percent of Total Inside by Airline*			5.0%	30.0%	0.0%	20.0%	0.0%	15.0%	30.0%	0.0%	100.0%	6.7%	0.0%	0.0%	26.7%	0.0%	26.7%	40.0%	0.0%	100.0%		
Monthly Total Combined			Bad	20	Good	216	Total	236														
Percent Compliance Combined						91.53%																

* This figure represents the percent composition of the total monthly aircraft non-compliant flights and NOT each airlines percent of compliance.

3. DAILY METEOROLOGICAL CONDITIONS INCLUDING ACTIVE RUNWAYS

Date	Weather	Weather as reported on the ATIS	in Use	
			Land	Depart
2/1/10	VFR	0600 - 300/13 10 CLEAR -3/-12, VISUAL 33; 1600 - 280/15 10 CLEAR 0/-11, VISUAL 24	33/24	33/24
2/2/10	VFR	0700 - 330/7 10 CLEAR -3/-11, VISUAL 33, DEPART 24; 1500 - CALM 10 SCT 8000 1/-1, VISUAL 24	33/24	24/24
2/3/10	VFR	0600 - IFR; 1500 - 350/12 10 BKN 1100 -1/-3, ILS 6	6	6
2/4/10	VFR	0600 - 330/17G22 10 CLEAR 2/-7, VISUAL 33; 1300 - 330/17G22 10 CLEAR 1/-13, VISUAL 33	33/33	33/33
2/5/10	VFR	0630 - 330/9 10 CLEAR -3/-13, VISUAL 33; 1400 - 320/8 10 CLEAR 2/-12, VISUAL 33	33/33	33/33
2/6/10	VFR	0700 - 060/15G22 10 BKN 2800 OVC 6000 -1/-6, VIS 6; 1100 - 070/15G24 10 SCT 2400 OVC 3000 -1/-7, VIS 6	6/6	6/6
2/7/10	VFR	0800 - 330/16G24 10 BKN 2200 -7/-11, VIS 33; 1600 - 320/12G20 10 CLEAR 0/-12, VIS 33	33/33	33/33
2/8/10	VFR	0600 - 300/11 10 CLEAR -6/-11, VISUAL 33; 1700 - 310/13 10 CLEAR 0/-11, VISUAL 33	33/33	33/33
2/9/10	VFR	0700 - 320/12 10 CLEAR -5/-11, VISUAL 33; 1600 - 280/8 10 CLEAR 2/-7, VISUAL 24	33/24	33/24
2/10/10	VFR	0630 - CALM 10 BKN 5000 OVC 7500 1/-1, VIS6, DEPART 15; ifr remainder of the day	6	15
2/11/10	VFR	0700 - 010/22G36 10 OVC 2100 1/-2, ILS6; 1500 - 350/18G22 10 OVC 2700 1/-4, ILS 6	6/6	6/6
2/12/10	VFR	0600 - 320/13 10 OVC 3600 -2/-8, VISUAL 33; 1600 - 270/12 10 CLEAR 1/-8, VISUAL 24	33/24	33/24
2/13/10	VFR	0700 - 320/5 10 CLEAR -4/-11, VISUAL 33, DEPART 24; 1300 - 330/7 10 CLEAR -2/-8, VISUAL 33	33/33	24/33
2/14/10	VFR	0630 - 300/14G20 10 BKN 10000 3/-9, VISUAL 33; 1700 - 300/19G27 10 CLEAR 2/-6, VISUAL 33	33/33	33/33
2/15/10	VFR	0600 - 270/15G22 10 CLEAR 1/-6, VISUAL 24; 1400 - 270/18G27 10 CLEAR 3/-3, VISUAL 24	24/24	24/24
2/16/10	VFR	0600 - IFR; 1500 - 280/10 9 OVC 9500 4/2, ILS 24	24	24
2/17/10	VFR	0600 - 320/14G23 10 OVC 6000 1/-5, VISUAL 33; PASSUR OUT AFTER 0700	33	33
2/18/10	VFR	0700 - 290/12 10 OVC 5500 0/-4, VISUAL 33, DEPART 24; 1800 - 280/13G20 10 CLEAR 3/-2, VISUAL 24	33/24	24/24
2/19/10	VFR	0730 - 300/16G25 10 CLEAR 1/-6, VISUAL 33; 2000 - 300/13 10 CLEAR 2/-4, VISUAL 33	33/33	33/33
2/20/10	VFR	0600 - 300/9 10 CLEAR -1/-4, VISUAL 33, DEPART 24; 1400 - 270/14 10 CLEAR 6/-2, VISUAL 24	33/24	24/24
2/21/10	VFR	0700 - 300/12 10 CLEAR 0/-4, VISUAL 33; 1200 - 300/18G24 10 SCT 3700 3/-7, VISUAL 33	33/33	33/33
2/22/10	VFR	0800 - 320/12 10 CLEAR 1/-5, VISUAL 33; 1600 - 040/13G20 10 CLEAR 5/-1, VISUAL 6	33/6	33/6
2/23/10	VFR	0600 - 100/9 10 OVC 2600 3/1, VIS 6, DEPART 15; 1800 - 110/16G21 8 -RAIN BKN 3000 OVC 4700 4/3, VIS 15	6/15	15/15
2/24/10	VFR	0600 - 100/19G26 10 OVC 2200 6/4, ILS 6	6	6
2/25/10	IFR	IFR ALL DAY	24	24
2/26/10	VFR	0700 - 170/12 10 BKN 7500 OVC 11000 2/-2, VISUAL 24; 1000 - 150/15 8 -RAIN BKN 1100 OVC 4000 3/1, VIS 15	24/15	24/15
2/27/10	VFR	0600 - 240/15 10 OVC 5000 2/-1, VISUAL 24; 1300 - 220/10 10 SCT 1900 OVC 4500 4/-1, VISUAL 24	24/24	24/24
2/28/10	VFR	0730 - CALM 10 CLEAR -2/-3, VISUAL 33, DEPART 24; 1700 - 010/15 8 -RAIN FEW 1700 BKN 3100 2/-1, VISUAL 6	33/6	24/6

4. OPERATOR COMPARISON REPORT

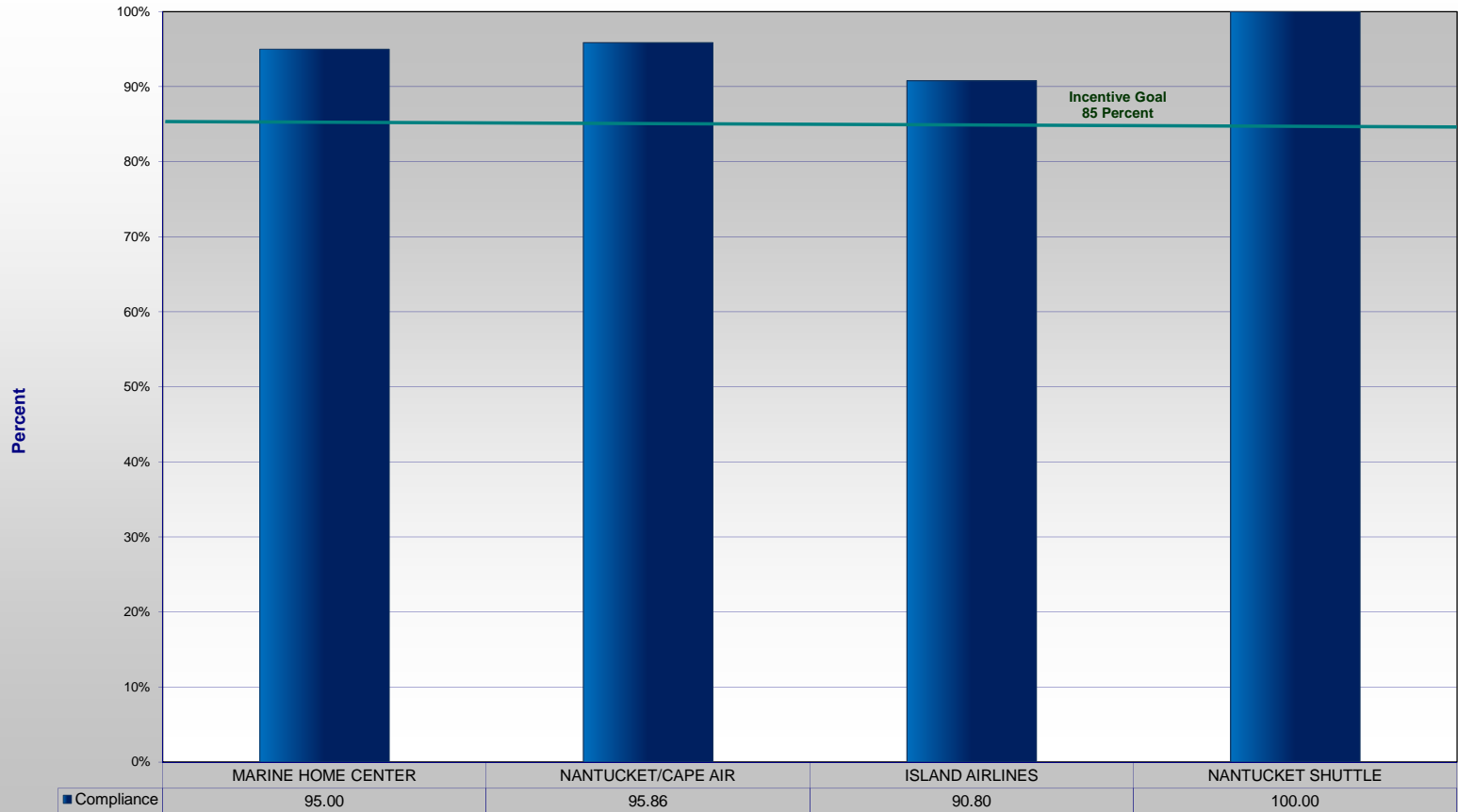
Date	Weather	AMA		NANTUCKET/CAPE		COLGAN		ISLAND		SHUTTLE	
		COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL	COMPLY	NON-COMPL
2/1/10	VFR	2	0	7	0	0	0	8	0	4	0
2/2/10	VFR	4	0	13	1	0	0	8	0	6	0
2/3/10	VFR	1	0	3	0	0	0	4	1	2	0
2/4/10	VFR	1	0	5	0	0	0	3	1	3	0
2/5/10	VFR	2	0	6	0	0	0	2	0	3	0
2/6/10	VFR	2	0	3	2	0	0	1	0	3	0
2/7/10	VFR	0	0	2	0	0	0	1	1	2	0
2/8/10	VFR	1	0	4	0	0	0	4	0	3	0
2/9/10	VFR	2	1	11	1	0	0	6	0	7	0
2/10/10	VFR	3	0	4	1	0	0	2	0	2	0
2/11/10	VFR	3	1	3	0	0	0	2	0	4	0
2/12/10	VFR	4	0	9	0	0	0	6	0	5	0
2/13/10	VFR	0	0	1	0	0	0	0	0	2	0
2/14/10	VFR	0	0	4	0	0	0	2	0	2	0
2/15/10	VFR	1	0	9	1	0	0	7	1	5	0
2/16/10	VFR	1	0	3	0	0	0	3	0	3	0
2/17/10	VFR	0	0	2	0	0	0	1	0	1	0
2/18/10	VFR	3	0	6	0	0	0	1	1	4	0
2/19/10	VFR	0	0	1	0	0	0	2	0	1	0
2/20/10	VFR	0	0	5	0	0	0	2	0	2	0
2/21/10	VFR	0	0	3	0	0	0	0	0	2	0
2/22/10	VFR	1	0	7	0	0	0	3	0	6	0
2/23/10	VFR	1	0	5	0	0	0	1	0	3	0
2/24/10	VFR	2	0	3	0	0	0	1	0	3	0
2/25/10	VFR	0	0	0	0	0	0	0	0	0	0
2/26/10	VFR	4	0	7	0	0	0	1	0	4	0
2/27/10	VFR	0	0	7	0	0	0	4	0	2	0
2/28/10	VFR	0	0	6	0	0	0	4	3	5	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
Sub Total		38	2	139	6	0	0	79	8	89	0
Total Flights (Comp+Non-Comp)			40		145		0		87		89
Percent of Compliance			95.00		95.86				90.80		100.00

* Colgan did not operate in January

5. OPERATOR/AIR TAXI COMPARISON BAR CHARTS

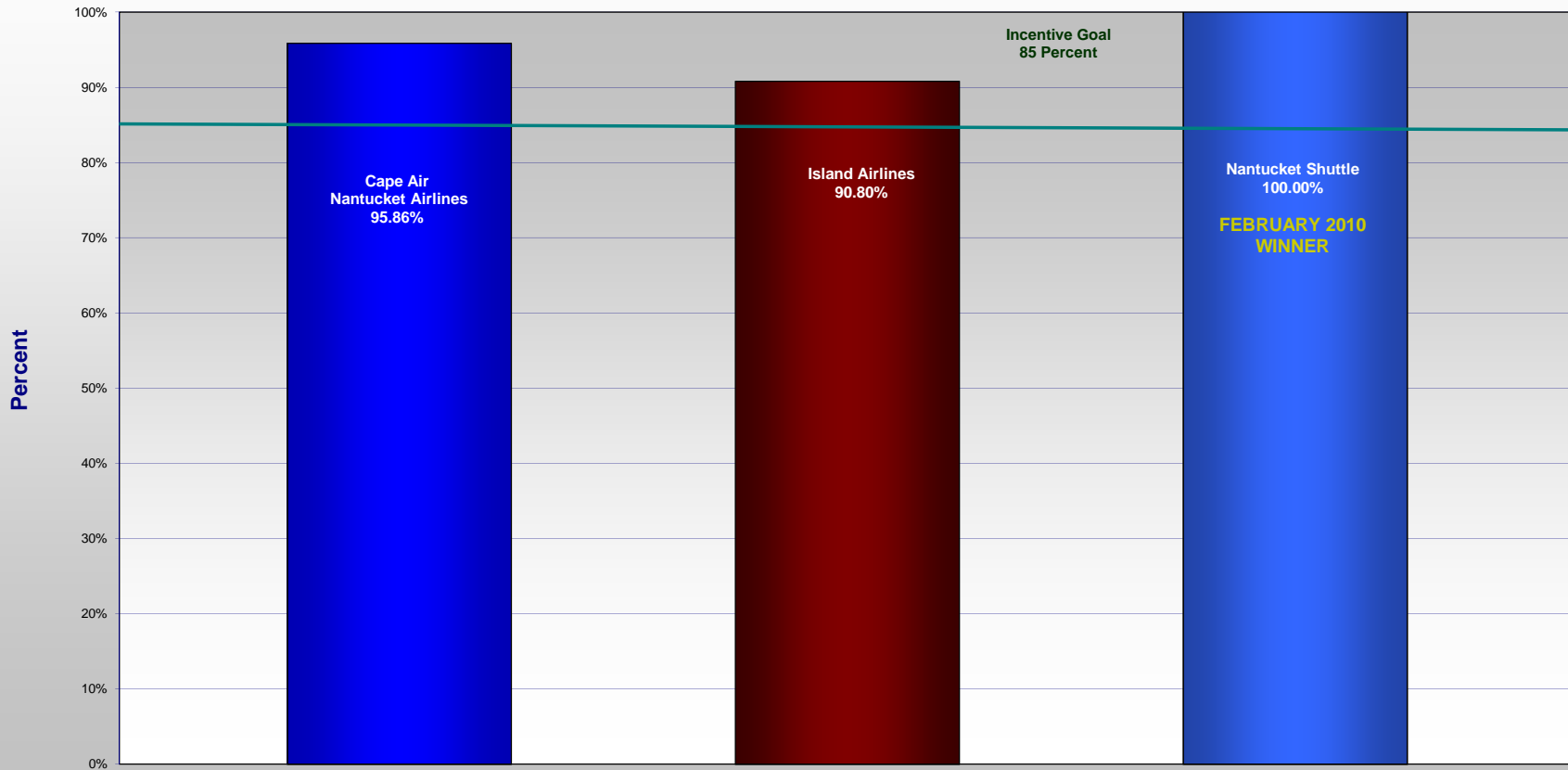


NANTUCKET MEMORIAL AIRPORT
 - percent of compliance -
 - by operator - february 2010-





NANTUCKET MEMORIAL AIRPORT
- air taxi noise abatement percent of compliance -
FEBRUARY 2010



6. MONTHLY SUMMARY

Total Flights observed 390

Non-Compliant Flights by Airline

AMA-Marine Home Center	2
Cape/Nantucket Airlines	6
Colgan	0
Island Airlines	8
Shuttle	0
GA-Single Engine	7
GA-Other	12
Unknown	0

Total Non-Compliant 35

Combined Percent Compliance 91.03

During the month of February we had:

27 VFR days - 1 IFR day - 0 Marginal days

A total of 390 VFR flights were observed over noise abatement routes.

During the month of February, due to weather, traffic density and wind patterns, a single runway configuration was in use 25 days.

As a result, 236 operations were observed operating on the northern and eastern routes and 154 operations were observed operating on the southern and western routes.

Combined compliance was 91.03%; a 4.11% improvement over January 2010; An excellent result.

Compliance on the northern and eastern routes was 91.53% while compliance on the southern and western routes was 90.26%

In the Air Taxi category, Nantucket Shuttle Airlines earned top honors with a perfect 100.00% compliance rate.

Cape Air/Nantucket Airlines was second at 95.86% and Island Airlines was a third with 90.80%.

AMA - Marine Home Center achieved 95.00% compliance for their flights.

February was the sixth month in a row where all local air taxi airlines exceeded the target goal of 85%.

As a result, all airlines will receive a 15% reduction in February landing fees.

This was another remarkable achievement! Congratulations on a job well done!

I ask, once again, that you actively encourage your pilots to use the noise abatement procedures that have proven to be successful in reducing aircraft noise exposure to OUR RESIDENTS AND VISITORS and YOUR CUSTOMERS. Remember the goal of this program is to avoid unnecessary Island crossings

Thank you for your assistance.

Jack F. Wheeler
Environmental Coordinator