

ORION PROBLEM SUMMARY

- 1.EXHAUST LEAKS & DIESEL FUMES**
- 2.FUEL FUMES**
- 3.NOISE**
- 4.VIBRATION**
- 5.WATER PUMP & ANTI FREEZE**
- 6.AIR QUALITY**
- 7.BRAKES**
- 8.GENERAL HEALTH & SAFETY**
- 9.CUSTOMER PERSPECTIVES**
- 10. HEATING & COOLING SYSTEM**

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BC TRANSIT FLEET STATS

DIESELS/CNG

Average Kms / Mth / Coach

= 5487 Kms/Mth/Coach

ORION II's

= 5481 Kms/Mth/Coach

Bad Orders (Diesels/CNG)

67 K/Yr, 742 cchs. @ 5487 Kms/Mth/Cch. 1903 BO's, 19 cchs., @ 5481

Average Bad Orders / Km is:

(742 Coaches X 5487 Kms/Mth X 12 Mths)
67K BO's/Yr

= 729 Km/BO

(19 X 5481 X 12)
1903

= 657 Km/BO

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WITHIN 10% OF WHOLE FLEET !!

BC TRANSIT FLEET STATS

DIESELS/CNG

Average Kms / Mth / Coach

= 5487 Kms/Mth/Coach

Road Calls (Diesels/CNG)

21K/Yr, 742 cchs. @ 5487 Kms/Mth/Cch.

Annual Km/Road Call is:

(742 Coaches X 5487 Kms/Mth X 12 Mths)

21K RC's/Yr

= 2326 Km/RC

ORION II's

= 5481 Kms/Mth/Coach

349 RC's, 19 cchs., @5481

(19 X 5481 X 12)

349 RC's/Yr

= 3581 Km/RC



~ 50% BETTER THAN WHOLE FLEET !

BC TRANSIT

MAINTENANCE COSTS PER Kms

(Sept. 1/96 to Mch. 31/97, 7 mths)

<u>BUS TYPE</u>	<u>QTY</u>	<u>TOT.COST</u>	<u>TOT.Kms</u>	<u>COST/Km</u>	<u>+FUEL</u>
CNG				\$.54 /Km	\$.72
D902				.61	.72
GMC				.50	.70
ARTIC's				.40	.68
TRIESEL				.60	.67
GMC				.53	.65
MCI				.41	.58
D40				.30	.53
GMC				.36	.52
D40LF				.36	.46
GMC				.32	.40
<u>ORION II</u>				<u>.32</u>	<u>.39</u>



Total Diesel/CNG 742

\$10.9 M

28.5 M Kms

\$.38 /Km Avg

1998-1-5

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