APPENDIX D2: 2001-2005 VTR data GLM model

The GLM Procedure

Dependent Variable: lnhaul

Source	DF	sum of squares	mean square	F value	Pr >F
Model	36	35.80644	0.99462346	8.95	<.0001
Error	248	27.57169	0.11117617		
Corr total	284	63.37813			

R-Square	Coeff var	Root MSE	mean lnhaul
0.564965	11.67162	0.333431	2.856766

Source	DF	type 1 ss	mean sq	f val	pr>f
year	4	6.547771	1.63694278	14.72	<.0001
quarter	3	9.558456	3.18615211	28.66	<.0001
statarea	17	8.966749	0.52745583	4.74	<.0001
vessel	3	6.891198	2.29706589	20.66	<.0001
quarter*vessel	9	3.84227	0.42691892	3.84	0.0001

Source	DF	type III ss	mean sq	f val	pr>f
year	4	4.466238	1.11655942	10.04	<.0001
quarter	3	9.801626	3.26720881	29.39	<.0001
statarea	17	3.813623	0.22433078	2.02	0.011
vessel	3	3.761409	1.25380289	11.28	<.0001
quarter*vessel	9	3.84227	0.42691892	3.84	0.0001

Parameter		Estimate		SE	t val	pr>t
	Intercept	2.873772337	B	0.176259	16.3	<.0001
year	2001	0.077618397	B	0.076006	1.02	0.3081
year	2002	0.221066747	B	0.074375	2.97	0.0032
year	2003	-0.093689379	B	0.069033	-1.36	0.176
year	2004	-0.185242525	B	0.065723	-2.82	0.0052
year	2005	0	B	.	.	.
quarter	1	-0.353396096	B	0.139522	-2.53	0.0119
quarter	2	-0.397887415	B	0.108275	-3.67	0.0003
quarter	3	-0.117081704	B	0.087073	-1.34	0.18
quarter	4	0	B	.	.	.
statarea	522	0.439857962	B	0.406369	1.08	0.2801
statarea	525	-0.213436232	B	0.195365	-1.09	0.2757
statarea	526	-0.175149386	B	0.18127	-0.97	0.3349
statarea	533	-0.074899673	B	0.239637	-0.31	0.7549
statarea	534	-0.525061643	B	0.387105	-1.36	0.1762
statarea	537	-0.223868189	B	0.181407	-1.23	0.2183
statarea	541	-0.00909559	B	0.304063	-0.03	0.9762
statarea	543	-0.957907139	B	0.329457	-2.91	0.004
statarea	562	-0.493404468	B	0.282084	-1.75	0.0815
statarea	613	0.300865157	B	0.292351	1.03	0.3044
statarea	616	-0.205513637	B	0.171507	-1.2	0.232
statarea	621	0.258465223	B	0.289799	0.89	0.3733
statarea	622	-0.024290278	B	0.182154	-0.13	0.894
statarea	623	-0.261062337	B	0.20691	-1.26	0.2082

statarea		625	-0.634394698	B	0.395249	-1.61	0.1098
statarea		626	0.031341585	B	0.175323	0.18	0.8583
statarea		627	0.146379248	B	0.23959	0.61	0.5418
statarea		632	0	B	.	.	.
vessel		2	0.420734378	B	0.139729	3.01	0.0029
vessel		3	0.415537757	B	0.172311	2.41	0.0166
vessel		4	0.667723848	B	0.104842	6.37	<.0001
vessel		5	0	B	.	.	.
quarter*vessel	1	2	-0.411538151	B	0.222812	-1.85	0.0659
quarter*vessel	1	3	0.356143557	B	0.195663	1.82	0.0699
quarter*vessel	1	4	-0.271215422	B	0.182894	-1.48	0.1394
quarter*vessel	1	5	0	B	.	.	.
quarter*vessel	2	2	-0.388579031	B	0.208212	-1.87	0.0632
quarter*vessel	2	3	0.2385848	B	0.173287	1.38	0.1698
quarter*vessel	2	4	-0.574693338	B	0.160761	-3.57	0.0004
quarter*vessel	2	5	0	B	.	.	.
quarter*vessel	3	2	-0.179889877	B	0.183934	-0.98	0.329
quarter*vessel	3	3	0.035653165	B	0.200143	0.18	0.8588
quarter*vessel	3	4	-0.069219174	B	0.119102	-0.58	0.5617
quarter*vessel	3	5	0	B	.	.	.
quarter*vessel	4	2	0	B	.	.	.
quarter*vessel	4	3	0	B	.	.	.
quarter*vessel	4	4	0	B	.	.	.
quarter*vessel	4	5	0	B	.	.	.