

**Appendix C: Spill  
Cost Summary:**

**Selected US Incidents, 1984-2000  
(all costs in 1997 US\$ equivalents)**

Vessel or Facility Name	Vessel Type	Date	Location	Oil Type	Total Spill Vol.	Response Cost	Natural Resource Damages	Economic Claims	TOTAL SPILL COST	TOTAL COST/GAL
					(gal)	(\$ per gal. spilled)	(\$ per gal. spilled)	(\$ per gal. spilled)	(millions)	(\$ per gal. spilled)
<i>Arco Anchorage</i>	Tanker	31-Dec-85	WA,	Crude	189,000	143	3		27.2	143
<i>Apex Houston</i>	Barge	28-Jan-86	CA	Crude	25,000	2	481		12.11	484
<i>Glacier Bay</i>	Tanker	2-Jul-87	AK	Crude	60,000	68		1,416	89.18	1,486
<i>Nestucca</i>	Barge	23-Dec-88	WA	Fuel Oil	231,000	56	57	4	27.68	119
<i>Exxon Valdez</i>	Tanker	24-Mar-89	AK	Crude	11,000,000	306	140	665	12,262.95	1,114
<i>American Trader</i>	Tanker	7-Feb-90	CA	Crude	417,000	36	29	54	59.52	142
<i>Sammi Superstars/Maui</i>	Freighter	8-Jan-91	CA	Fuel Oil	32,064	620			20	623
<i>Texaco Anacortes</i>	Refiner	22-Feb-91	WA	Crude	27,300				11	402
<i>Tenyo Maru</i>	Fishing Vessel	22-Jul-91	WA/BC	Fuel oil, diesel	173,000	88	65	in NRDA	28.33	163
<i>Union Oil</i>	Pipeline	3-Aug-92	CA	Crude	14,700	1,006	108		16.7	1,136
<i>Morris J. Berman</i>	Barge	7-Jan-94	Puerto Rico	Fuel Oil	789,000	111	9	7	182.14	230
<i>Barge 101</i>	Barge	31-Dec-94	WA	Diesel	26,900					
<i>Kure</i>	Freighter	5-Nov-97	CA	Fuel oil	4,500	2,222				
<i>Kuroshima</i>	Freighter (Fish)	26-Nov-97	AK	Fuel oil	47,000	159			11.5	244
<i>Command</i>	Tanker	28-Sep-98	CA	Fuel Oil	51,450	23			9.4	182
<i>New Carissa</i>	Freighter	4-Feb-99	OR	Fuel oil	70,000	328			36.5	521
<b>US Averages</b>					822370	369	112	429	914	499
<b>US Avg. excl Valdez</b>					145328	374	107	370	41	451

**Spill Cost Summary: Selected Worldwide Incidents, 1984-2000**  
**(all costs in 1997 US\$ equivalents)**

<b>Vessel or Facility Name</b>	<b>Vessel Type</b>	<b>Date</b>	<b>Location</b>	<b>Oil Type</b>	<b>Total Spill Vol.</b>	<b>Response Cost</b>	<b>Natural Resource Damages</b>	<b>Economic Claims</b>	<b>TOTAL SPILL COST</b>	<b>TOTAL COST/GAL</b>
<i>Maritime Gardenia</i>	Bulker	24-Jan-90	Japan	Fuel oil	242,000	31			7.72	31
<i>Vista Bella</i>	Barge	6-Mar-91	Caribbean	Bunker	588,000	10			5.97	10
<i>Agip Abruzzo</i>	Tanker	11-Apr-91	Italy	Crude +	588,000	41			29.4	50
<i>Haven</i>	Tanker	4-Apr-91	Italy	Crude	6,000,000	38	113	1.89	927.07	154
<i>Arisan</i>	Ore	12-Jan-92	Norway	Fuel Oil	44,000	129			5.68	129
<i>Aegean Sea</i>	Tanker	3-Dec-92	Spain	Crude	21,900,000	1.44		12	313.83	14
<i>Taiko Maru</i>	Tanker	##### ##	Japan	Fuel oil	153,000	67		78	22.34	146
<i>Keumdongf.5</i>	Barge	27-Sep-93	S. Korea	Fuel Oil	391,000	18		687	301.44	770
<i>Sea Prince</i>	Tanker	23-Jul-95	S.Korea	Fuel Oil	412,000	61		680	305.17	740
<i>Yea Myung</i>	Tanker	3-Aug-95	S. Korea	Fuel Oil	12,000	117		775	10.73	894
<i>Honan Sapphire</i>	Tanker	17-Nov-95	S. Korea	Crude	370,400	32		167	74.08	200
<i>Sea Empress</i>	Tanker	15-Feb-96	UK	Crude + fuel oil	21,274,000	1.45	12.34	10	479	22
<i>Nakhodka</i>	Tanker	2-Jan-97	Japan	Fuel oil	2,288,000	94		36	286.9	125
<i>Erika</i>	Tanker	12-Dec-99	France	Fuel oil	2,800,000	Ongoing	Ongoing	16	Ongoing	Ongoing
<b>AVERAGES</b>					4,174,031	149	163	246	213	253

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