

APPENDIX B

Phases I and II Analyses Results

No.	Spill Name	Date	Weather Results	Oil Weathering Results	Logistics Results	Populated Area Results	Phase I Evaluation	Phase II Evaluation
1	Torrey Canyon	3/18/67	Pass	Pass	Pass	Pass	Pass	Marginal Call
2	Arrow	2/4/70	Pass	Pass	Pass	Pass	Pass	Marginal Call
3	Argo Merchant	12/15/76	Pass	Pass	Pass	Pass	Pass	Marginal Call
4	Brazilian Marina	1/9/78	Pass	Pass	Pass	Pass	Pass	Marginal Call
5	Eleni V	5/6/78	Pass	Pass	Pass	Pass	Pass	Marginal Call
6	Mara	11/12/78	Pass	Pass	Pass	Pass	Pass	Marginal Call
7	Kosmas M	12/25/78	Pass	Pass	Pass	Pass	Pass	Marginal Call
8	Aegean Captain	7/19/79	Pass	Pass	Pass	Pass	Pass	Marginal Call
9	Tanio	3/7/80	Pass	Pass	Pass	Pass	Pass	Marginal Call
10	Alvenus	7/30/84	Pass	Pass	Pass	Pass	Pass	Marginal Call
11	Vesta Bella	3/6/91	Pass	Pass	Pass	Pass	Pass	Marginal Call
12	Haven	4/11/91	Pass	Pass	Pass	Pass	Pass	Marginal Call
13	Witwater	12/13/68	Pass	Pass	Pass	Pass	Pass	Successful
14	Keo	11/5/69	Pass	Pass	Pass	Pass	Pass	Successful
15	Spartan Lady	4/4/75	Pass	Pass	Pass	Pass	Pass	Successful
16	Claude Conway	3/20/77	Pass	Pass	Pass	Pass	Pass	Successful
17	Caribbean Sea	5/27/77	Pass	Pass	Pass	Pass	Pass	Successful
18	Simonburn	3/15/79	Pass	Pass	Pass	Pass	Pass	Successful
19	Gino	4/28/79	Pass	Pass	Pass	Pass	Pass	Successful
20	Atlantic Empress	8/2/79	Pass	Pass	Pass	Pass	Pass	Successful
21	Princess Anne-Marie	1/28/80	Pass	Pass	Pass	Pass	Pass	Successful
22	Cavo Cambanos	3/29/81	Pass	Pass	Pass	Pass	Pass	Successful
23	Almar	11/26/84	Pass	Pass	Pass	Pass	Pass	Successful
24	PEMEX	10/23/86	Pass	Pass	Pass	Pass	Pass	Successful
25	PEMEX/YUM II	10/10/87	Pass	Pass	Pass	Pass	Pass	Successful
26	Exxon Valdez	3/24/89	Pass	Pass	Pass	Pass	Pass	Successful
27	General Colocotronis	3/7/68	Pass	Pass	Pass	Pass	Pass	Unsuccessful
28	Polycommander	5/5/70	Pass	Pass	Pass	Pass	Pass	Unsuccessful
29	Shell Platform 26	12/1/70	Pass	Pass	Pass	Pass	Pass	Unsuccessful
30	Trader	6/11/72	Pass	Pass	Pass	Pass	Pass	Unsuccessful
31	Zoe Colocotronis	3/18/73	Pass	Pass	Pass	Pass	Pass	Unsuccessful
32	Keytrader	1/18/74	Pass	Pass	Pass	Pass	Pass	Unsuccessful

APPENDIX B

Phases I and II Analyses Results

No.	Spill Name	Date	Weather Results	Oil Weathering Results	Logistics Results	Populated Area Results	Phase I Evaluation	Phase II Evaluation
33	Jakob Maersk	1/29/75	Pass	Pass	Pass	Pass	Pass	Unsuccessful
34	Olympic Alliance	11/12/75	Pass	Pass	Pass	Pass	Pass	Unsuccessful
35	St. Peter	2/5/76	Pass	Pass	Pass	Pass	Pass	Unsuccessful
36	Al-Damman	6/30/76	Pass	Pass	Pass	Pass	Pass	Unsuccessful
37	Dauntless Colocotronis	7/22/77	Pass	Pass	Pass	Pass	Pass	Unsuccessful
38	Kurdistan	3/15/79	Pass	Pass	Pass	Pass	Pass	Unsuccessful
39	Gunvor Maersk	10/27/79	Pass	Pass	Pass	Pass	Pass	Unsuccessful
40	Hannah 4001	1/4/81	Pass	Pass	Pass	Pass	Pass	Unsuccessful
41	Barge	1/24/84	Pass	Pass	Pass	Pass	Pass	Unsuccessful
42	Exxon No. 32	8/18/85	Pass	Pass	Pass	Pass	Pass	Unsuccessful
43	SFI 41	11/24/85	Pass	Pass	Pass	Pass	Pass	Unsuccessful
44	Texaco Storage Tank	4/27/86	Pass	Pass	Pass	Pass	Pass	Unsuccessful
45	Stuyvesant (II)	10/4/87	Pass	Pass	Pass	Pass	Pass	Unsuccessful
46	Aragon	12/29/89	Pass	Pass	Pass	Pass	Pass	Unsuccessful
47	Houston	2/3/97	Pass	Pass	Pass	Pass	Pass	Unsuccessful
48	Humble Oil Pipeline	10/15/67	Pass	Fail	Fail	Pass	Unsuccessful	N/A
49	Ocean Eagle	3/3/68	Pass	Pass	Pass	Fail	Unsuccessful	N/A
50	Santa Barbara Well Blowout	1/28/69	Pass	Pass	Pass	Fail	Unsuccessful	N/A
51	Chevron Main Pass Block 41	2/10/70	Pass	Fail	Fail	Pass	Unsuccessful	N/A
52	Oregon Standard	1/18/71	Pass	Pass	Pass	Fail	Unsuccessful	N/A
53	Texaco Oklahoma	3/27/71	Pass	Pass	Fail	Pass	Unsuccessful	N/A
54	Schuylkill River	6/22/72	Pass	Pass	Pass	Fail	Unsuccessful	N/A
55	Bellingham Bay	1/10/73	Fail	Pass	Pass	Fail	Unsuccessful	N/A
56	Bayou Lafousche	3/9/73	Pass	Fail	Fail	Fail	Unsuccessful	N/A
57	Oil Recovery	5/19/73	Pass	Pass	Pass	Fail	Unsuccessful	N/A
58	Esso Brussels	6/2/73	Pass	Fail	Pass	Fail	Unsuccessful	N/A
59	Petrola	6/3/73	Pass	Pass	Pass	Fail	Unsuccessful	N/A
60	Napier	6/10/73	Pass	Pass	Fail	Pass	Unsuccessful	N/A
61	Elias	4/9/74	Pass	Pass	Pass	Fail	Unsuccessful	N/A
62	Sea Spirit	4/15/74	Pass	Pass	Pass	Fail	Unsuccessful	N/A
63	Eugene Island 317	4/17/74	Pass	Fail	Fail	Pass	Unsuccessful	N/A
64	Jos Simard	8/4/74	Pass	Pass	Fail	Pass	Unsuccessful	N/A

APPENDIX B
Phases I and II Analyses Results

No.	Spill Name	Date	Weather Results	Oil Weathering Results	Logistics Results	Populated Area Results	Phase I Evaluation	Phase II Evaluation
65	Metula	8/9/74	Pass	Fail	Fail	Pass	Unsuccessful	N/A
66	Bouchard 65	10/9/74	Pass	Pass	Fail	Pass	Unsuccessful	N/A
67	Ercole	10/22/74	Pass	Fail	Pass	Fail	Unsuccessful	N/A
68	Athenian Star	1/20/75	Pass	Pass	Fail	Pass	Unsuccessful	N/A
69	Corinthos	1/31/75	Pass	Pass	Pass	Fail	Unsuccessful	N/A
70	Panglobal Friendship	2/11/75	Pass	Fail	Fail	Pass	Unsuccessful	N/A
71	IOT-105	3/3/75	Pass	Pass	Pass	Fail	Unsuccessful	N/A
72	B-421/Barge 13	3/5/75	Pass	Fail	Fail	Pass	Unsuccessful	N/A
73	Tarik Ibn Ziyad	3/26/75	Pass	Pass	Pass	Fail	Unsuccessful	N/A
74	Urquiola	5/12/76	Pass	Fail	Fail	Pass	Unsuccessful	N/A
75	Hackensack Estuary	5/26/76	Pass	Pass	Pass	Fail	Unsuccessful	N/A
76	Sansinena	12/17/76	Pass	Pass	Pass	Fail	Unsuccessful	N/A
77	Ethel H (II)	2/4/77	Pass	Pass	Pass	Fail	Unsuccessful	N/A
78	Ekofisk Bravo Oil Field	4/22/77	Pass	Fail	Fail	Pass	Unsuccessful	N/A
79	Oswego Tarmac	7/29/77	Fail	Pass	Pass	Pass	Unsuccessful	N/A
80	URSS 1	8/10/77	Pass	Pass	Pass	Fail	Unsuccessful	N/A
81	Union Oil Co. of California	2/8/78	Pass	Pass	Pass	Fail	Unsuccessful	N/A
82	Amoco Cadiz	3/16/78	Fail	Fail	Fail	Pass	Unsuccessful	N/A
83	Ocean 250	3/16/78	Pass	Fail	Fail	Pass	Unsuccessful	N/A
84	Interstate 19	3/20/78	Pass	Pass	Pass	Fail	Unsuccessful	N/A
85	Aminona	5/26/78	Pass	Pass	Fail	Pass	Unsuccessful	N/A
86	Cabo Tamar	7/7/78	Pass	Fail	Fail	Fail	Unsuccessful	N/A
87	U.S. Strategic Petroleum Reserve	9/21/78	Pass	Fail	Pass	Fail	Unsuccessful	N/A
88	Peck Slip	12/19/78	Pass	Pass	Pass	Fail	Unsuccessful	N/A
89	Andros Patria	12/31/78	Fail	Pass	Pass	Pass	Unsuccessful	N/A
90	F.W. Bekman	1/4/79	Pass	Pass	Pass	Fail	Unsuccessful	N/A
91	Messiniaki Frontis	3/2/79	Pass	Fail	Fail	Pass	Unsuccessful	N/A
92	Ixtoc I, Petroleos Mexicanos	6/3/79	Pass	Fail	Fail	Pass	Unsuccessful	N/A
93	Chevron Hawaii	9/1/79	Pass	Fail	Fail	Fail	Unsuccessful	N/A
94	Titipor	10/15/79	Pass	Pass	Fail	Pass	Unsuccessful	N/A
95	Burmah Agate	11/1/79	Pass	Pass	Pass	Fail	Unsuccessful	N/A
96	Independenta	11/15/79	Pass	Fail	Fail	Fail	Unsuccessful	N/A

APPENDIX B
Phases I and II Analyses Results

No.	Spill Name	Date	Weather Results	Oil Weathering Results	Logistics Results	Populated Area Results	Phase I Evaluation	Phase II Evaluation
97	Irenes Serenade	2/23/80	Pass	Fail	Fail	Pass	Unsuccessful	N/A
98	Texaco North Dakota	8/21/80	Pass	Pass	Fail	Pass	Unsuccessful	N/A
99	Georgia	11/22/80	Pass	Fail	Fail	Pass	Unsuccessful	N/A
100	Concho	1/19/81	Pass	Pass	Pass	Fail	Unsuccessful	N/A
101	Olympic Glory	1/28/81	Pass	Fail	Fail	Fail	Unsuccessful	N/A
102	Apex Houston	3/19/81	Pass	Pass	Pass	Fail	Unsuccessful	N/A
103	Golden Dolphin	3/6/82	Pass	Pass	Fail	Pass	Unsuccessful	N/A
104	Arkas	3/31/82	Pass	Pass	Pass	Fail	Unsuccessful	N/A
105	BU 42	6/29/82	Pass	Pass	Pass	Fail	Unsuccessful	N/A
106	V882/V883/V884/V885	4/2/83	Pass	Fail	Fail	Fail	Unsuccessful	N/A
107	SF1 71/SF1 72	6/9/83	Pass	Pass	Pass	Fail	Unsuccessful	N/A
108	Conoco	8/22/83	Pass	Pass	Pass	Fail	Unsuccessful	N/A
109	US 218	12/25/83	Pass	Pass	Pass	Fail	Unsuccessful	N/A
110	Hoegh Mascot	2/16/84	Pass	Pass	Pass	Fail	Unsuccessful	N/A
111	Puerto Rican	10/31/84	Pass	Fail	Fail	Fail	Unsuccessful	N/A
112	Cape Fear River	11/21/84	Pass	Pass	Pass	Fail	Unsuccessful	N/A
113	Passenger Vessel	11/26/84	Pass	Pass	Pass	Fail	Unsuccessful	N/A
114	Galveston Bay	7/13/85	Pass	Pass	Pass	Fail	Unsuccessful	N/A
115	Grand Eagle	9/28/85	Pass	Fail	Fail	Fail	Unsuccessful	N/A
116	Texas	3/7/86	Pass	Fail	Fail	Fail	Unsuccessful	N/A
117	TTT-103 Chevron USA	7/31/86	Pass	Pass	Pass	Fail	Unsuccessful	N/A
118	Amazon Venture	12/4/86	Pass	Pass	Pass	Fail	Unsuccessful	N/A
119	Fuyoh Maru/Vitoria	6/23/87	Pass	Pass	Pass	Fail	Unsuccessful	N/A
120	Stuyvesant (I)	1/6/87	Fail	Pass	Pass	Pass	Unsuccessful	N/A
121	Ashland Petroleum Co.	1/2/88	Pass	Fail	Pass	Fail	Unsuccessful	N/A
122	Amoco Oil Co.	2/7/88	Pass	Fail	Pass	Pass	Unsuccessful	N/A
123	Athenian Venture	4/22/88	Pass	Pass	Fail	Pass	Unsuccessful	N/A
124	Nord Pacific	7/13/88	Pass	Pass	Pass	Fail	Unsuccessful	N/A
125	Esso (Exxon) Puerto Rico	9/3/88	Pass	Pass	Pass	Fail	Unsuccessful	N/A
126	Exxon Pipeline	1/13/89	Pass	Fail	Fail	Pass	Unsuccessful	N/A
127	UMTB 283	1/15/89	Fail	Pass	Pass	Pass	Unsuccessful	N/A
128	Gran Tor	2/15/89	Pass	Pass	Pass	Fail	Unsuccessful	N/A

APPENDIX B
Phases I and II Analyses Results

No.	Spill Name	Date	Weather Results	Oil Weathering Results	Logistics Results	Populated Area Results	Phase I Evaluation	Phase II Evaluation
129	Exxon Bayway Refinery	1/2/90	Pass	Fail	Pass	Fail	Unsuccessful	N/A
130	Ship Shoals Block 281	1/24/90	Pass	Pass	Fail	Pass	Unsuccessful	N/A
131	Mega Borg	6/8/90	Pass	Fail	Fail	Pass	Unsuccessful	N/A
132	Apex Oil Co.	7/28/90	Pass	Pass	Pass	Fail	Unsuccessful	N/A
133	Jupiter	9/16/90	Pass	Pass	Fail	Fail	Unsuccessful	N/A
134	Greenhill Petroleum	9/29/92	Pass	Pass	Fail	Pass	Unsuccessful	N/A
135	Aegean Sea	12/3/92	Pass	Fail	Fail	Fail	Unsuccessful	N/A
136	Braer	1/5/93	Fail	Fail	Fail	Pass	Unsuccessful	N/A
137	Morris J. Berman	1/7/94	Pass	Pass	Pass	Fail	Unsuccessful	N/A
138	San Jacinto River	10/20/94	Pass	Pass	Pass	Fail	Unsuccessful	N/A
139	North Cape	1/19/96	Pass	Fail	Fail	Pass	Unsuccessful	N/A
140	Sea Empress	2/15/96	Pass	Fail	Fail	Fail	Unsuccessful	N/A
141	Bay of Campeche Tanker	3/7/96	Pass	Pass	Pass	Fail	Unsuccessful	N/A
Total Failed			7/141	35/141	42/141	59/141	94/141	21/47¹
Total Failed (Percentage)			5%	25%	30%	42%	67%	45%

¹The number of spills that passed Phase I that was 47. Therefore, 47 spills were analyzed in Phase II.