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ANALISI STORICA

FONTE D'INFORMAZIONE

L'analisi storica è stata condotta consultando Banche Dati costituite da archivi informatizzati. Gli archivi informatizzati permettono infatti la schedatura tematica delle informazioni di principale interesse per la ricerca e la classificazione di ciascuna case-history, consentendo così l'acquisizione di un considerevole numero di dati in un tempo breve. L'analisi incidentale storica è stata effettuata consultando la banca dati:

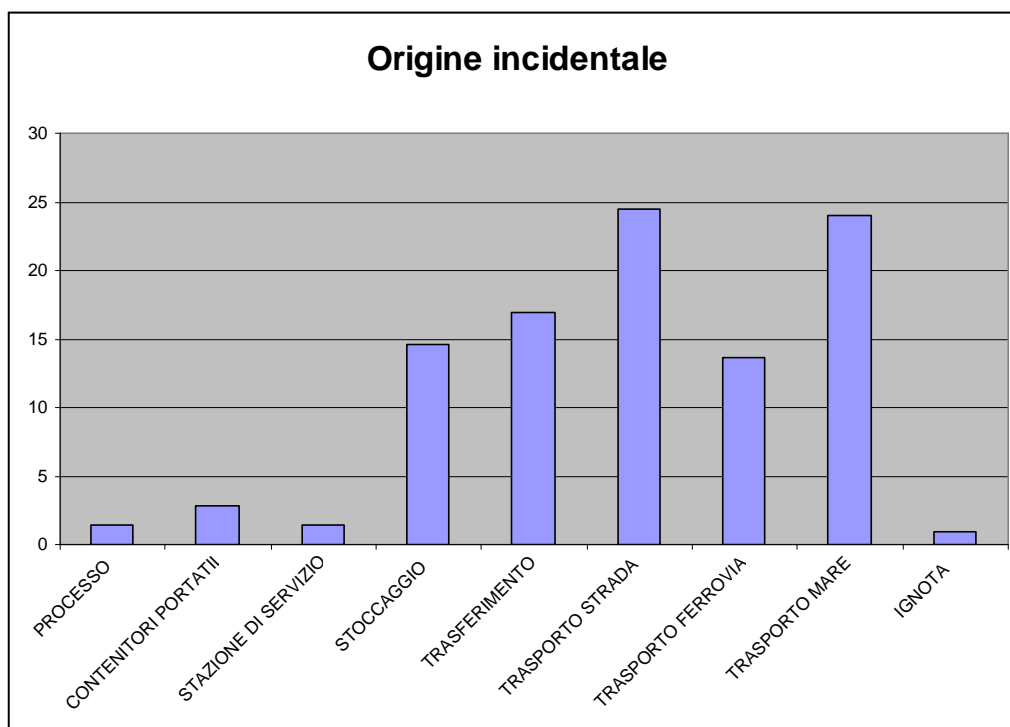
MHIDAS, Major Hazard Incident Data Service
Sviluppata da SRD UKAEA
su incarico di Major Hazard Assessment Unit dell' HSE (Health & Safety Executive) inglese
304 case histories di incidenti che hanno coinvolto il gasolio

DATI RIASSUNTIVI

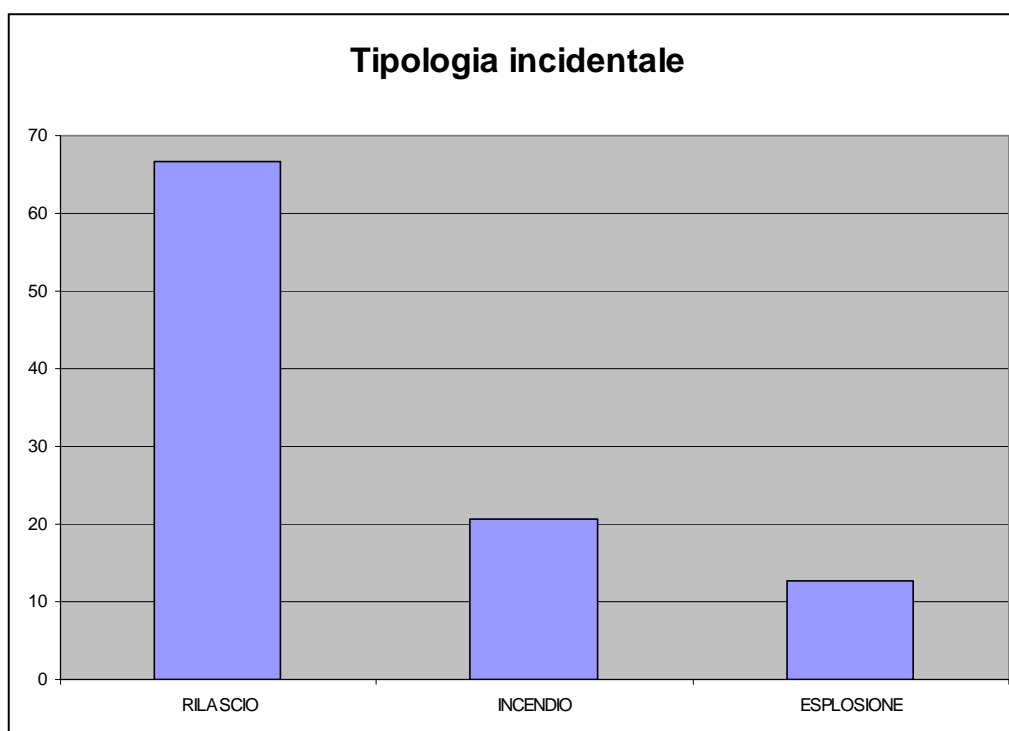
Sono riportate di seguito le informazioni relative all'origine, alla tipologia ed alle cause degli incidenti storicamente avvenuti in depositi di gasolio.

Sono altresì considerati gli eventi incidentali legati al trasporto della sostanza via mare, come avviene più spesso nello deposito Fox Petroli, ma anche via terra e per ferrovia.

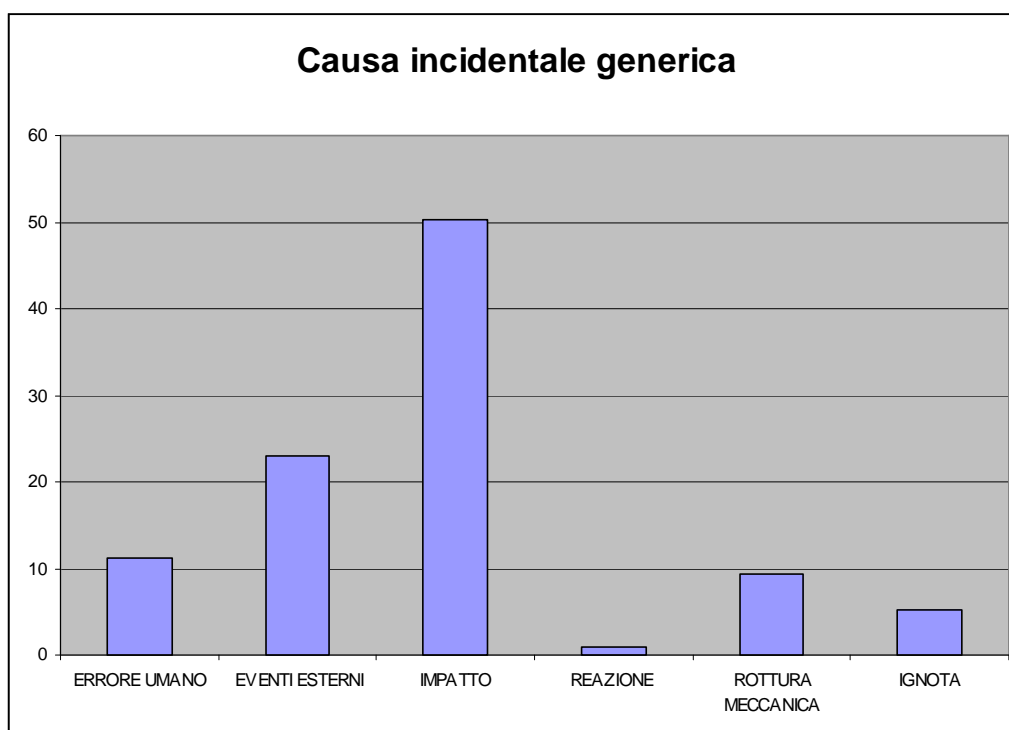
ORIGINE DELL'INCIDENTE	%
PROCESSO	1,41
CONTENITORI PORTATILI	2,82
STAZIONE DI SERVIZIO	1,41
STOCCAGGIO	14,55
TRASFERIMENTO	16,90
TRASPORTO STRADA	24,41
TRASPORTO FERROVIA	13,62
TRASPORTO MARE	23,94
IGNOTA	0,94
TOTALE	100,00



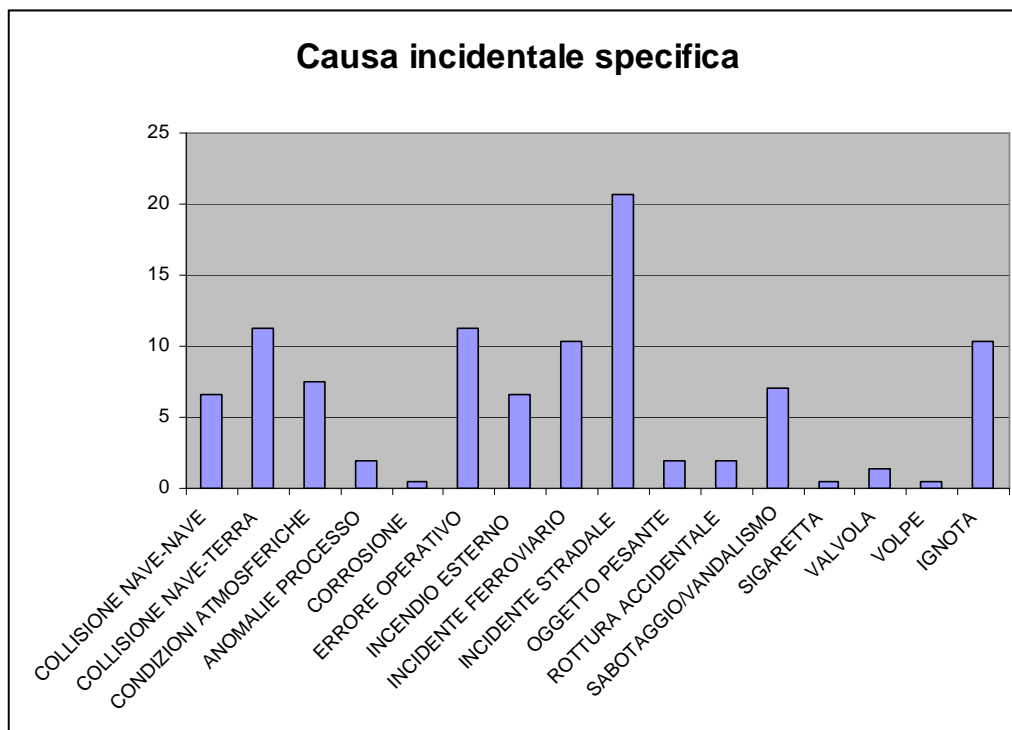
NATURA DELL'INCIDENTE	%
RILASCIO SENZA INNESCO	66,67
INCENDIO	22,66
ESPLOSIONE	12,68
TOTALE	100,00



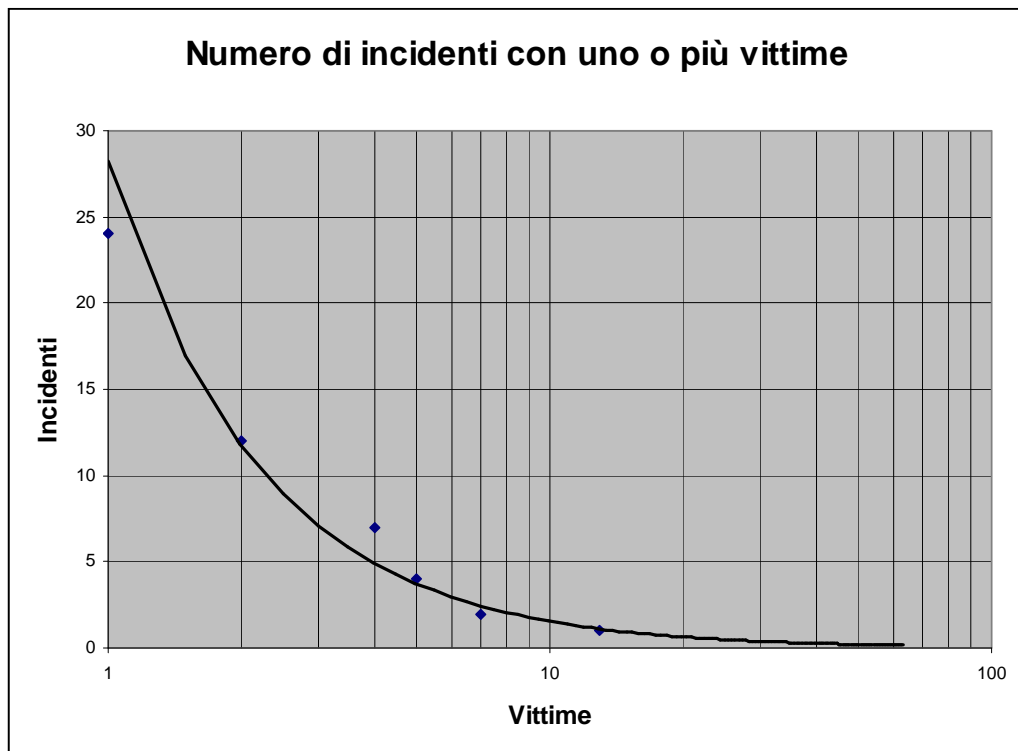
CAUSA GENERICA	%
ERRORE UMANO	11,27
EVENTI ESTERNI	23,00
IMPATTO	50,23
REAZIONE	0,94
ROTTURA MECCANICA	9,39
IGNOTA	5,16
TOTALE	100,00



CAUSA SPECIFICA	%
COLLISIONE NAVE-NAVE	6,57
COLLISIONE NAVE-TERRA	11,27
CONDIZIONI ATMOSFERICHE	7,51
ANOMALIE PROCESSO	1,88
CORROSIONE	0,47
ERRORE OPERATIVO	11,27
INCENDIO ESTERNO	6,57
INCIDENTE FERROVIARIO	10,33
INCIDENTE STRADALE	20,66
OGGETTO PESANTE	1,88
ROTTURA ACCIDENTALE	1,88
SABOTAGGIO/VANDALISMO	7,04
SIGARETTA	0,47
VALVOLA	1,41
VOLPE	0,47
IGNOTA	10,33
TOTALE	100,00



NUMERO VITTIME N	NUMERO INCIDENTI CON N O PIU' VITTIME
IGNOTO	
0	
1	24
2	12
4	7
5	4
7	2
13	1



PRINCIPALI RISULTATI DELL'ANALISI

1. L'origine che più frequentemente ha dato origine a rilascio di gasolio è il **trasporto veicolare** (61,97%) che può essere distinto in trasporto via:

– mare	23,94 %
– ferrovia	13,62 %
– strada	24,41 %

Meno frequentemente si sono presentati rilasci coinvolgenti serbatoi di **stoccaggio** (14,55 %) e tubazioni di **trasferimento** (16,90 %).

2. Il più delle volte (66,67 %) il **rilascio** è avvenuto senza innesco. Tale tipologia incidentale si è presentata prevalentemente durante la fase di trasporto; talvolta il rilascio è avvenuto su strada (AN 6542, 11/11/93, THORNE SOUTH YORKSHIRE UK; AN 5529, 03/05/92, LOZERE FRANCE) o su ferrovia (AN 5961, 24/11/92, YAROSLAVL RUSSIA CIS; AN 3770, 01/02/89, CALGARY ALBERTA CANADA). Spesso il trasporto via nave ha dato luogo a collisione tra navi (AN 8082, 30/06/96, WAN DO SOUTH COREA; AN 8070, 21/06/96, NR NEW ORLEANS LOUISIANA, USA) o ad urto della nave contro la banchina (AN 8358, 18/03/97, RIVER RHINE GERMANY; AN 8269, 15/12/96, ARABIAN GULF).
3. L'**incendio** (22,66 %) è stato causato spesso da eventi esterni quali fenomeni di sabotaggio (AN 6838, 23/04/94, JOHANNESBURG, SOUTH AFRICA), fulmini (AN 7386, 08/03/95, FREEPORT BAHAMAS) ed incendio esterno (AN 2584, 04/12/57, MERAUX LOUISIANA). Talvolta la causa è stata un incidente ferroviario (AN 5116, 11/09/91, ALDINGBOURNE SUSSEX UK) anche coinvolgente altre sostanze pericolose (benzina: AN 6654, 09/01/94, LESANTHE ZIMBAWE; acrilonitrile: AN 3214, 20/08/71, HUNTINGTON OHIO USA).
4. Anche l'**esplosione** (12,68 %) si è verificata spesso per incidente ferroviario o stradale, talvolta per coinvolgimento di altre sostanze pericolose (esplosivi: AN 6011, 09/01/93, MANDAL NORDWAY; gasolina e petrolio: AN 3414, 21/12/85, NAPLES ITALY; ossigeno: AN 3175, 12/06/88, DANBURY ESSEX UK).
5. Anche se per diversi eventi incidentali non è disponibile il numero delle persone coinvolte, dai dati valutati si evince una bassa mortalità legata al rilascio del gasolio.

CASE HISTORIES: DIESEL OIL

1a) AN: 9817
ME: B; Y
CR: AEA
DA: 27/09/1999
LO: MALAYSIA; PORT DICKSON
MN: GASOLINE
MH: FI fire
MC: 1270
IT: EXPLODE explosion-; FIRE fire-
OG: TRANSPORT transport-; SHIP
NP: Killed: 1; Injured: 1; Evacuated: --
AB: ONE KILLED AND ANOTHER
INURED IN FIRE ON TANKER AT REFINERY
JETTY WITH 3800m3 CARGO. EXPLOSION IN
FOREPEAK TANK BLEW 10M
CIRCUMFERENCE HOLE IN TOP DECK.
TANKER WAS ON HER WAY OUT OF JETTY
AFTER HAVING LOADED 500te GASOLINE
AND 3326te DIESEL OIL.
RA: 2
ID: 19990927
IY: 1999
KR: 1
IR: 1

1b) AN: 9817
ME: A-; Y
CR: AEA
DA: 27/09/1999
LO: MALAYSIA; PORT DICKSON
MN: DIESEL OIL
MH: FI fire
MC: 1223
IT: EXPLODE explosion-; FIRE fire-
OG: TRANSPORT transport-; SHIP
NP: Killed: 1; Injured: 1; Evacuated: --

AB: ONE KILLED AND ANOTHER
INURED IN FIRE ON TANKER AT REFINERY
JETTY WITH 3800m3 CARGO. EXPLOSION IN
FOREPEAK TANK BLEW 10M
CIRCUMFERENCE HOLE IN TOP DECK.
TANKER WAS ON HER WAY OUT OF JETTY
AFTER HAVING LOADED 500te GASOLINE
AND 3326te DIESEL OIL.
RA: 2
ID: 19990927
IY: 1999
KR: 1
IR: 1

2) AN: 9596
ME: N
CR: AEA
DA: 07/02/1999
LO: LITHUANIA; KLAIPEDA
MN: DIESEL OIL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSFER loading,-unloading; SHIP
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: A TANKER SPILT AN UNSPECIFIED
AMOUNT OF DIESEL OIL INTO THE
HARBOUR DURING LOADING OPERATIONS.
RA: 2
ID: 19990207
IY: 1999

3) AN: 9591
ME: N
CR: AEA
DA: 04/02/1999
PD: U urban

LO: UK; GLOUCESTERSHIRE;
GLOUCESTER
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: DOM/COM domestic-or-commercial;
COMMTANK small-commercial-tank
GC: HUMAN human-factor
SC: OVERFILL overfilling
AB: A HEATING SYSTEM FOR A PUB WAS
OVERFILLED WITH DIESEL OIL. THE FUEL
BEGAN TO LEAK OUT NEAR A MOTOR
DRIVEN FREEZER. THE FIREBRIGADE USED
SAND TO MOP UP THE SPILL.
RA: 1
ID: 19990204
IY: 1999

4) AN: 9238
ME: N
CR: AEA
DA: 07/09/1998
LO: UK; WEST SUSSEX; SHOREHAM
MN: DIESEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
GC: HUMAN human-factor
SC: SABOTAGE sabotage-or-vandalism
QY: 405.00
IS: NONIGNITE non-ignition-of-flammable-
materials
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift,
handover, lunch break, etc.
AB: 450m3 OF DIESEL OIL WAS LOST
FROM A STORAGE TANK DURING A

ROBBERY. SOME LEAKED INTO A NEARBY CANAL THREATENING A WILDLIFE RESERVE AND 250m3 WAS CONTAINED BY THE BUND. LOCK GATES WERE SHUT, A BOOM AND SAND DEPLOYED.

RA: 2
ID: 19980907
IY: 1998
QR: 405

5) AN: 9075
ME: N
CR: AEA
DA: 04/04/1998
PD: R rural
LO: UK; TAYSIDE; GUILDTOWN
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: STORAGE storage-; PIPEWORK
QY: 5.40
IS: NONIGNITE non-ignition-of-flammable-materials
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: 6000 LITRES DIESEL OIL LEAKED FROM A DAMAGED PIPE ON A STORAGE TANK AT A COAL MERCHANTS. THE DIESEL SPILLED INTO THE RIVER TAY AND THREATENED WATER SUPPLIES AND WILDLIFE. SPECIALIST CLEAN-UP CONTRACTORS PUT IN CONTAINMENT BOOMS.
RA: 1
ID: 19980404
IY: 1998
QR: 5

6) AN: 8965
ME: N
CR: AEA
DA: 05/04/1998
LO: UK; TAYSIDE; GUILDTOWN
MN: DIESEL OIL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
GC: EXTERNAL external-events
SC: SABOTAGE sabotage-or-vandalism
QY: 5.40
IS: NONIGNITE non-ignition-of-flammable-materials
AB: 6000 LITRES DIESEL FUEL LEAKED INTO A TRIBUTARY OF THE RIVER TAY FROM A TANK IN A TRANSPORT YARD. INVESTIGATORS FOUND THAT AN EXTERNAL PIPE ON THE TANK HAD BEEN DAMAGED AND POLICE BELIEVED SPILL WAS DELIBERATE.
RA: 1
ID: 19980405
IY: 1998
QR: 5

7) AN: 8914
ME: B; Y
CR: AEA
DA: 06/01/1998
LO: USA; LOUISIANA; FOURCHON
MN: DIESEL OIL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; PIPELINE
GC: IMPACT impact-failure

SC: HVYOBJECT heavy-object
QY: 14.00
IS: NONIGNITE non-ignition-of-flammable-materials
AB: TUG PUSHING A BARGE SANK RUPTURING AN UNDERWATER PIPELINE. UNCLEAR WHETHER RUPTURE CAUSED BY TUG OR DURING SALVAGE OPERATIONS. MOST OF SPILLED OIL DISPERSED. ONLY SHORELINE IMPACT WAS AN AREA OF MARSH. CAUSE OF SINKING UNKNOWN.
RA: 5
ID: 19980106
IY: 1998
QR: 14

8a) AN: 8847
ME: B; Y
CR: AEA
DA: 21/11/1997
LO: GREECE; CHIOS ISLAND
MN: GASOLINE
MH: FI fire
MC: 1270
OG: TRANSPORT transport-; SHIP
GC: IMPACT impact-failure
SC: SHIP/SHIP ship-to-ship-collision,-also-barges
IS: NONIGNITE non-ignition-of-flammable-materials
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: TANKER CARRYING DIESEL OIL AND GASOLINE COLLIDED WITH ANOTHER VESSEL WHICH SANK. TANKER SUSTAINED DAMAGE TO FOREPEAK. CREW OF SUNKEN VESSEL RESCUED, CREW OF TANKER UNINJURED. NO POLLUTION REPORTED.
RA: 1
ID: 19971121

IY: 1997	GC: EXTERNAL external-events	OTHER STORAGE TANKS AND REFINERY.
	IS: NONIGNITE non-ignition-of-flammable-materials	CAUSE OF EXPLOSION UNKNOWN.
8b) AN: 8847	KW: COMPANY Firm or company involved;	RA: 2
ME: A-; Y	LEGALITY Information on any laws which were	ID: 19971102
CR: AEA	broken or which were important mitigating factors;	IY: 1997
DA: 21/11/1997	PHOTO Hard copy contains photograph(s)	KR: 1
LO: GREECE; CHIOS ISLAND	AB: A CONTROL VALVE ON A	QR: 10
MN: DIESEL OIL	REDUNDANT TANK CONTAINING DIESEL	
MH: FI fire	OIL WAS KNOCKED BY A FOX FOUND	11) AN: 8712
MC: 1223	DROWNED IN OIL IN BUND SURROUNDING	ME: N
OG: TRANSPORT transport-; SHIP	TANK. CRACK IN BUND WALL ALLOWED	CR: AEA
GC: IMPACT impact-failure	OIL TO POLLUTE STREAM. COMPANY	DA: 09/09/1997
SC: SHIP/SHIP ship-to-ship-collision,-also-	THOUGHT TANK EMPTY BUT WAS FINED	LO: THAILAND; PHUKET ISLAND
barges	OVER 8000 POUNDS STERLING.	MN: DIESEL OIL
IS: NONIGNITE non-ignition-of-flammable-	RA: 1	MH: FI fire
materials	ID: 19971112	MC: 1223
KW: TIMING Timing of the incident, time of	IY: 1997	IT: EXPLODE explosion-
day, shift, handover, lunch break, etc.		OG: TRANSFER loading,-unloading; SHIP
AB: TANKER CARRYING DIESEL OIL	10) AN: 8814	NP: Killed: 3; Injured: 2; Evacuated: --
AND GASOLINE COLLIDED WITH ANOTHER	ME: N	GC: EXTERNAL external-events
VESSEL WHICH SANK. TANKER SUSTAINED	CR: AEA	SC: SABOTAGE sabotage-or-vandalism
DAMAGE TO FOREPEAK. CREW OF SUNKEN	DA: 02/11/1997	AB: EXPLOSION ON SMALL TANKER
VESSEL RESCUED, CREW OF TANKER	LO: ISRAEL; ASHDOD	DURING TRANSFER OF DIESEL OIL FROM
UNINJURED. NO POLLUTION REPORTED.	MN: DIESEL OIL	TANKER. 3 KILLED, 2 INJURED. OIL WAS
RA: 1	MH: FI fire	REPORTED TO HAVE BEEN SMUGGLED TO
ID: 19971121	MC: 1223	BANGLADESH. VESSEL SANK.
IY: 1997	IT: EXPLODE explosion-; FIRE fire-	RA: 3
	OG: STORAGE storage-; ASVESSEL storage-	ID: 19970909
	vessels,-atmospheric-pressure	IY: 1997
	NP: Killed: 1; Injured: --; Evacuated: --	KR: 3
9) AN: 8832	QY: 10.00	IR: 2
ME: N	KW: TIMING Timing of the incident, time of	
CR: AEA	day, shift, handover, lunch break, etc.	12) AN: 8547
DA: 12/11/1997	AB: A STORAGE TANK CONTAINING 10	ME: N
LO: UK; HAMPSHIRE; SOUTHAMPTON	TONNES OF DIESEL EXPLODED AND	CR: AEA
MN: DIESEL OIL	CAUGHT FIRE. ONE WORKER WAS KILLED.	DA: 01/07/1997
MH: FI fire	DENSE BLACK SMOKE ENGULFED THE	LO: UK; LEICESTERSHIRE; FREEMANS
MC: 1223	AREA. FIREFIGHTERS WORKED TO	PARK
IT: CONTREL continuous-release	PREVENT FIRE FROM SPREADING TO	MN: DIESEL
OG: STORAGE storage-; ASVESSEL storage-		
vessels,-atmospheric-pressure		

MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: DOM/COM domestic-or-commercial;
 COMMTANK small-commercial-tank
 QY: 8.10
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved;
 PHOTO Hard copy contains photograph(s)
 AB: 90001 DIESEL OIL LEAKED FROM AN UNDERGROUND TANK AT A NEWLY OPENED SUPERMARKET PETROL STATION. THE LEAK WAS CONTAINED WITHIN A MUDSTONE POCKET, AND THERE WAS NO RISK TO THE WATERCOURSE OR GROUNDWATER. PETROL STATION CLOSED WHILE TANK & FUEL REMOVED.
 RA: 1
 ID: 19970701
 IY: 1997
 QR: 8

13) AN: 8474
 ME: N
 CR: AEA
 DA: 16/05/1997
 LO: USA; ALASKA; BRISTOL BAY
 MN: DIESEL OIL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; BARGE
 GC: IMPACT impact-failure
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: BARGE CONTAINING 50000galls NO2 DIESEL OIL BROKE FREE FROM MOORINGS AND WAS HOLED. CARGO WAS LIGHTERED OFF FOLLOWING THE INCIDENT, AND NO SPILLAGE OCCURRED.

RA: 1
 ID: 19970516
 IY: 1997

14) AN: 8358
 CR: AEA
 DA: 18/03/97
 LO: RIVER RHINE; ; GERMANY
 MN: DIESEL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; BARGE
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 QY: 23
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: DURATION-Duration of the incident
 AB: AN INLAND WATERWAYS TANKER WENT AGROUND ON THE RHINE BETWEEN BONN AND KONIGSWINTER. SHE SPRANG A LEAK AND 25000litres DIESEL OIL ESCAPED. THE LEAK WAS DEALT WITH AFTER ONE HOUR.
 RA: 1

15) AN: 8269
 CR: AEA
 DA: 15/12/96
 LO: ARABIAN GULF; ;
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 OG: TRANSPORT; BARGE
 GC: IMPACT-impact-failure

SC: SHIP/LAND-ship-to-land-collision,-also-barges
 KW: NUISANCE-Nuisance (non-hazardous) caused by the incident
 AB: TOWED BARGE WITH 600t DIESEL SANK WHEN IT WAS FORCED TO THE NEAREST PORT BECAUSE OF ITS POOR CONDITION.
 RA: 1

16) AN: 8230
 CR: AEA
 DA: 28/10/96
 LO: FAREHAM; HAMPSHIRE; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: DOM/COM-domestic-or-commercial;
 COMMTANK-small-commercial-tank
 GC: EXTERNAL-external-events;
 MECHANICAL-mechanical-failure
 SC: HIGHWINDS-high-winds
 QY: >0.4
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: AFTER-After effects such as clear up, survival of injured, etc.
 AB: SEVERAL HUNDRED GALLONS DIESEL OIL LEAKED FROM FARM STORAGE TANK AFTER GALE FORCE WINDS BLEW AWAY THE SIGHT GLASS. ENVIRONMENT AGENCY WORKERS USED ABSORBENT PADS TO SOAK OIL FROM LAND, ALLOWING TIDE TO NATURALLY DISPERSE POLLUTION TO SEA.
 RA: 1

17) AN: 8139
 CR: AEA
 DA: 15/08/96
 LO: BUSAN; ; SOUTH KOREA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 OG: TRANSPORT; BARGE
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: AFTER-After effects such as clear up, survival of injured, etc.; TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; AREA-Size of the area affected
 AB: COASTAL OIL BARGE WITH 1600tons BUNKER OIL & 200tons DIESEL SPILLED UNKNOWN AMOUNT OF OIL AFTER HITTING A PIER WHILE DOCKED. BUNKER OIL IN ENGINE ROOM SPILLED OUT & CONFLICTING REPORTS AS TO WHETHER CARGO OIL WAS RELEASED FROM SUBMERGED BARGE.
 RA: 2

18) AN: 8083
 CR: AEA
 DA: 30/05/96
 LO: CALCUTTA; ; INDIA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSFER-loading,-unloading; PIPEWORK

GC: HUMAN-human-factor
 SC: OVERFILL-overfilling
 QY: 300
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: COMPANY-Firm or company involved
 AB: OVERFLOW OCCURRED DURING LOADING OF TANK BARGE AT OIL JETTY CAUSING 300te DIESEL OIL TO SPILL TO RIVER. DESPITE ANTI-SPILLAGE MEASURES, MUCH OF OIL THOUGH TO HAVE SETTLED ON RIVER BED.
 RA: 3

19) AN: 8082
 CR: AEA
 DA: 30/06/96
 LO: WAN DO; ; SOUTH KOREA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; SHIP
 NP: Killed: 0; Injured: 0; Evacuated:
 GC: IMPACT-impact-failure
 SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: VESSEL IN BALLAST COLLIDED WITH TANKER FULLY LOADED WITH MARINE DIESEL OIL. DAMAGE SUSTAINED TO BOTH VESSELS & SLIGHT LEAKAGE OF MARINE DIESEL OIL FROM TANKER. NO CREW INJURIES REPORTED.

RA: 1
 20) AN: 8070
 CR: AEA
 DA: 21/06/96
 LO: NR NEW ORLEANS; LOUISIANA; USA
 MN: MARINE DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; BARGE
 GC: IMPACT-impact-failure
 SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
 QY: 72
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: HULL OF BARGE DAMAGED FROM COLLISIONS OF TUG TOWED & PUSHED TANK BARGES 30m SOUTH OF NEW ORLEANS. 80000l MARINE DIESEL OIL SPILLED TO RIVER. POSSIBILITY OF ENVIRONMENTAL DAMAGE - MAY SEE MINIMAL EFFECT IF MISSISSIPPI RIVER FLUSHES OIL QUICKLY TO GULF.
 RA: 3

21) AN: 7991
 CR: AEA
 DA: 23/04/96
 LO: PANAMA CANAL; ;
 MN: LIGHT DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release

OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 QY: 130
 IS: NONIGNITE-non-ignition-of-flammable-materials
 AB: TANKER ON SOUTHBOUND TRANSIT CONTACTED LOCKS. AS MUCH AS 130te LIGHT DIESEL OIL MAY HAVE BEEN SPILT. VESSEL CONTINUED TRANSIT.
 RA: 2

22) AN: 7886
 CR: AEA
 DA: 17/02/96
 LO: VARNA; ; BULGARIA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; PIPELINE
 NP: Killed: ; Injured: >100; Evacuated:
 GC: EXTERNAL-external-events
 SC: SABOTAGE-sabotage-or-vandalism
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: INJURIES-Types of, or causes of or degree of injuries
 AB: THIEVES PUNCTURED PIPELINE & AS A RESULT LARGE QUANTITIES OF FUEL SEEPED TO GROUND & THEN TO CITY'S WATER SUPPLY. SUPPLY TO ALL 500,000 INHABITANTS WERE AFFECTED & SEVERAL HUNDRED PEOPLE ADMITTED TO HOSPITALS WITH VARIOUS DEGREES OF POISONING.
 RA: 2

23) AN: 7835
 CR: AEA
 DA: 14/01/96
 LO: HINES HILL; WESTERN AUSTRALIA; AUSTRALIA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: EXPLODE-explosion; FIREBALL
 OG: TRANSPORT; RAILTANKER-rail-tanker
 NP: Killed: 2; Injured: 1; Evacuated:
 GC: IMPACT-impact-failure
 SC: VEHICLE-other-vehicle
 AB: EXPLOSION WITH FIREBALL, 800m LONG INFERNO & BUSH FIRES AFTER TRAIN CARRYING DIESEL COLLIDED WITH REAR OF TRAIN LEAVING MAIN LINE. ENGINEER & BOY KILLED & SECOND MAN IS CRITICALLY INJURED.
 RA: 1

24) AN: 7791 B
 CR: AEA
 DA: 11/12/95
 LO: INCHON; ; SOUTH KOREA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 IS: NONIGNITE-non-ignition-of-flammable-materials
 AB: CHEMICAL TANKER WITH 8724.567 kl KEROSENE, 10338.279 kl DIESEL & 10502.442 kl FUEL OIL TOUCHED BOTTOM OFF INCHON.

SOME OIL LEAKED OUT OF VESSEL & VESSEL SUSTAINED DAMAGE TO BOTTOM.
 RA: 1

25) AN: 7770
 CR: AEA
 DA: 28/11/95
 LO: NR STAVANGER; ; NORWAY
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: FIRE; EXPLODE-explosion
 OG: TRANSPORT; ROADTANKER-road-tanker
 NP: Killed: 1; Injured: ; Evacuated:
 GC: IMPACT-impact-failure
 SC: ROADACC-road-accident,-no-other-vehicle
 AB: TANKER HIT ROCKS ON SIDE OF ROAD. TRACTOR ON FIRE AND EXPLOSION AFTER FIRE SPREAD TO TANK WHICH WAS EMPTY EXCEPT FOR DIESEL OIL RESIDUE. DRIVER TRAPPED IN CAB KILLED.
 RA: 1

26) AN: 7707
 CR: AEA
 DA: 23/10/95
 LO: HAIFA; ; ISRAEL
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges

QY: 1.7
IS: NONIGNITE-non-ignition-of-flammable-materials
AB: US NAVAL COMBAT STORE VESSEL STRUCK ARTIFICIAL WAVE BARRIER AT PORT AND SPILLED 500GALLS DIESEL FUEL. VESSEL STRUCK BARRIER WHILE REVERSING, DISLODGING FUELLING JETTY.
RA: 2

27) AN: 7386
CR: AEA
DA: 08/03/95
LO: FREEPORT; ; BAHAMAS
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: ; Injured: ; Evacuated: 0.5 x 10E3
DG: US\$ 7 x 10E6
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 57234
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; COMPANY-Firm or company involved; PROGRESN-How the incident progressed or developed with time; DURATION-Duration of the incident
AB: LIGHTNING STRUCK 400,000bbl DIESEL OIL FLOATING ROOF TANK SETTING IT ON FIRE. LOCAL INHABITANTS EVACUATED. FIRE BEING ALLOWED TO BURN ITSELF OUT, BLAZE BEING EXTINGUISHED AFTER 2 DAYS. IT WAS

BELIEVED TANK WAS NOT FILLED TO FULL CAPACITY.
RA: 3

28) AN: 7087
CR: AEA
DA: 21/09/94
LO: TSING YI ISLAND; ; HONG KONG
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSFER-loading,-unloading; PIPEWORK
NP: Killed: ; Injured: 0; Evacuated:
GC: IMPACT-impact-failure
QY: 0.36
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: TANKER HIT PIER ON LEAVING OIL DEPOT AFTER DISCHARGING CONSIGNMENT OF DIESEL. 400l DIESEL SPILT TO SEA FROM SNAPPED PIPELINE. DAMAGED AREA HAS OVER 10 TRANSFER PIPES FOR DIESEL, OIL & SOLVENTS. OIL DEPOT IS APPROXIMATELY 175m FROM RESIDENTIAL ESTATE.
RA: 1

29) AN: 6857
CR: AEA
DA: 09/05/94
LO: NEUENGAMME; ; GERMANY
MN: PETROL
MT: LIQUID
MH: FI-fire

MC: 1270
IT: CONTREL-continuous-release
OG: TRANSPORT; SHIP
GC: EXTERNAL-external-events; IMPACT-impact-failure
SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
QY: <140
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; DURATION-Duration of the incident; PROGRESN-How the incident progressed or developed with time
AB: TANKER PROCEEDING UPRIVER WITH SUPER BENZINE COLLIDED WITH TANKER PROCEEDING DOWN RIVER WITH DIESEL OIL IN DENSE FOG. 100,000- 200,000l PETROL SPILLED TO ELBE WHEN ANCHOR OF OTHER TONNAGE VESSELS SIDE. DIESEL TANKS NOT DAMAGED BUT VESSEL LOST ITS ANCHOR.
RA: 3

30) AN: 6838
CR: AEA
DA: 23/04/94
LO: JOHANNESBURG; ; SOUTH AFRICA
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; FIRE
OG: TRANSPORT; PIPELINE
GC: EXTERNAL-external-events
SC: SABOTAGE-sabotage-or-vandalism
KW: DURATION-Duration of the incident
AB: EXPLOSION WHICH BLASTED DIESEL OIL PIPELINE BEING INVESTIGATED AS ACT OF TERRORISM.

PIPELINE BLAZED FOR 5hrs & FLAMES SHOT
150m IN AIR.
RA: 2

31a) AN: 6654 B
CR: AEA
DA: 09/01/94
LO: LESANTHE; ; ZIMBABWE
MN: PETROL
MT: LIQUID
MH: FI-fire
MC: 1270
IT: FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed; ; Injured: 5; Evacuated:
GC: IMPACT-impact-failure
SC: VEHICLE-other-vehicle
KW: RESPONSE-Emergency response to the incident; COMPANY-Firm or company involved; TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; DURATION-Duration of the incident
AB: TRAIN OF OIL TANKERS WITH 1.5m litres PETROL & DIESEL OIL BURST INTO FLAMES AFTER HEAD ON COLLISION WITH ANOTHER TRAIN. FIRE ENGULFED 29 TANK WAGONS. ONLY 11 WERE SALVED. BLAZE CONTROLLED AFTER 9 HOURS. 5 INJURED.
RA: 2

31b) AN: 6654 A
CR: AEA
DA: 09/01/94
LO: LESANTHE; ; ZIMBABWE
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE

OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed; ; Injured: 5; Evacuated:
GC: IMPACT-impact-failure
SC: VEHICLE-other-vehicle
KW: RESPONSE-Emergency response to the incident; COMPANY-Firm or company involved; TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; DURATION-Duration of the incident
AB: TRAIN OF OIL TANKERS WITH 1.5m litres PETROL & DIESEL OIL BURST INTO FLAMES AFTER HEAD ON COLLISION WITH ANOTHER TRAIN. FIRE ENGULFED 29 TANK WAGONS. ONLY 11 WERE SALVED. BLAZE CONTROLLED AFTER 9 HOURS. 5 INJURED.
RA: 2

32) AN: 6542
CR: AEA
DA: 11/11/93
LO: THORNE; SOUTH YORKSHIRE; UK
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; ROADTANKER-road-tanker
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
QY: >0.41
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: PHOTO-Hard copy contains photograph(s)
AB: TANKER HIT CENTRAL CRASH BARRIER & VEERED INTO A PILLAR ON A BRIDGE SPILLING HUNDREDS OF GALLONS

OF DIESEL OIL ONTO MOTORWAY. POLICE BELIEVE DRIVER MAY HAVE BEEN TAKEN ILL AT THE WHEEL SECONDS BEFORE THE CRASH.
RA: 1

33) AN: 6494
CR: AEA
DA: 19/10/93
LO: UZHGOROD; ; SLOVAKIA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; PIPELINE
GC: EXTERNAL-external-events
SC: SABOTAGE-sabotage-or-vandalism
QY: 66
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; COMPANY-Firm or company involved; AFTER-After effects such as clear up, survival of injured, etc.
AB: ABOUT 65t DIESEL LEAKED FROM PIPELINE TO RIVER ON SLOVAK/UKRAINE BORDER AFTER THIEVES LEFT PIPELINE TAP OPEN. MOST OF OIL SAID TO HAVE BEEN PUMPED OUT OF RIVER IN UKRAINE, BUT SLOVAK EMERGENCY COMMISSION ESTIMATE 50t HAD FLOWED OVER BORDER.
RA: 2

34) AN: 6335
CR: AEA
DA: 29/07/93
LO: ELLESMERE PORT; CHESHIRE; UK
MN: DIESEL OIL

MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; ROADTANKER-road-tanker
 GC: IMPACT-impact-failure
 SC: ROADACC-road-accident,-no-other-vehicle
 QY: 4.5
 IS: NONIGNITE-non-ignition-of-flammable-materials
 AB: TANKER SWERVED OFF ROAD TO AVOID ONCOMING CAR & HIT TREE ON RAILWAY EMBANKMENT. 5000l DIESEL SPILT TO GROUND. REMAINING LOAD PUMPED OUT.
 RA: 1

35) AN: 6104
 CR: SRD
 DA: 14/03/93
 LO: NEW YORK HARBOUR; NEW YORK; USA
 MN: MARINE DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: TANKER CARRYING 11 000 000 galls MARINE DIESEL OIL GROUNDED IN NEW YORK HARBOUR. NO POLLUTION AS

VESSEL DOUBLE HULLED AND INNER TANKS NOT PIERCED.
 RA: 1

36) AN: 6055
 CR: SRD
 DA: 09/02/93
 LO: GOTHENBURG; ; SWEDEN
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/LAND-ship-to-land-collision,-also-barges
 QY: 20000
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: TANKER WITH 20,000te DIESEL OIL RAN AGROUND JUST OUTSIDE PORT. EXTENSIVE DAMAGE TO HULL, BUT NO OIL SPILLED.
 RA: 1

37) AN: 6011
 CR: SRD
 DA: 09/01/93
 LO: MANDAL; ; NORWAY
 MN: EXPLOSIVES
 MH: EX-explosive
 MC: 0081
 IT: EXPLODE-explosion
 OG: TRANSPORT; SHIP
 NP: Killed; ; Injured; ; Evacuated: 0.12 x 10E3
 GC: IMPACT-impact-failure

SC: SHIP/LAND-ship-to-land-collision,-also-barges
 KW: PHOTO-Hard copy contains photograph(s)
 AB: SHIP WITH 100te DYNAMITE, 20000 PERCUSSION CAPS, 300te FERTILIZER & 20 te DIESEL OIL GROUNDED AFTER CARGO SHIFTED & TOW CABLES SNAPPED. POPULATION EVACUATED BUT RETURNED HOME LATER SAME DAY WHEN SITUATION DECLARED SAFE. SHIP EXPLODED FOLLOWING DAY.
 RA: 4

38) AN: 6004
 CR: SRD
 DA: 08/01/93
 LO: CAMPINAS; ; BRAZIL
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: FIRE; EXPLODE-explosion
 OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
 DG: US\$ 2 x 10E6
 GC: EXTERNAL-external-events
 SC: LIGHTNING
 QY: 6400
 IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
 KW: COMPANY-Firm or company involved
 AB: FIRE & EXPLOSION IN STORAGE TANK CAUSED BY LIGHTNING STRIKE AT REFINERY. 6400te DIESEL DESTROYED. LOSS ESTIMATE US\$2m.
 RA: 1

39a) AN: 5961 B
 CR: SRD
 DA: 24/11/92
 LO: YAROSLAVL; RUSSIA; CIS
 MN: MOTOR OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1267
 IT: CONTREL-continuous-release
 OG: TRANSPORT; RAILTANKER-rail-tanker
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 QY: 40
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: ENVIRMNT-Environmental impact of the incident (natural environment)
 AB: 5 RAILROAD CARS TIPPED OVER SPILLING 84TE DIESEL OIL & 40te MOTOR OIL THREATENING WILDLIFE RESERVES & FISH SPAWNING GROUNDS.
 RA: 2

39b) AN: 5961 A
 CR: SRD
 DA: 24/11/92
 LO: YAROSLAVL; RUSSIA; CIS
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; RAILTANKER-rail-tanker
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 QY: 84
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: ENVIRMNT-Environmental impact of the incident (natural environment)

AB: 5 RAILROAD CARS TIPPED OVER SPILLING 84TE DIESEL OIL & 40te MOTOR OIL THREATENING WILDLIFE RESERVES & FISH SPAWNING GROUNDS.
 RA: 2

40) AN: 5860
 CR: SRD
 DA: 02/09/92
 LO: TALLINN BAY; ; ESTONIA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 OG: TRANSPORT; RAILTANKER-rail-tanker
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 QY: 50
 IS: NONIGNITE-non-ignition-of-flammable-materials
 AB: TANK WAGON DERAILED LEAKING 50te DIESEL OIL TO HARBOUR. BOOMS UNABLE TO RETAIN OIL AND SLICK SPREAD OVER THREE QUARTERS OF BAY.
 RA: 2

41) AN: 5772
 CR: SRD
 DA: 08/07/92
 LO: PROVO; UTAH; USA
 MN: AMMONIUM NITRATE
 MH: OX-oxidising; EX-explosive
 MC: 2072
 IT: RELEASE
 OG: TRANSPORT; ROADTANKER-road-tanker
 GC: IMPACT-impact-failure

SC: ROADACC-road-accident,-no-other-vehicle
 AB: TANK TRUCK CRASHED & SPILLED MIXTURE OF 1800l AMMONIUM NITRATE & DIESEL OIL TO RIVER. AQUEDUCT SHUT DOWN.
 RA: 1

42) AN: 5698
 CR: AEA
 DA: 14/09/92
 LO: LANDRAKE; ; UK
 MN: OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: TRANSPORT; ROADTANKER-road-tanker
 GC: MECHANICAL-mechanical-failure
 SC: VALVE-leaking-or-passing-valve
 QY: 3.68
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: PHOTO-Hard copy contains photograph(s); TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: TANKER SPILLED 900galls DIESEL OIL THROUGH PIPE WHEN VALVE FAILED. TRIBUTARY OF RIVER LYNHER POLLUTED THROUGH ROADSIDE DRAINS. ROAD SURFACE HAD TO BE RE-LAID. 42 DUCKS BECAME COVERED IN OIL AND REQUIRED CLEANING.
 RA: 3

43a) AN: 5590 B
 CR: SRD
 DA: 08/06/92

LO: PROVO; UTAH; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
OG: TRANSPORT; ROADTANKER-road-tanker
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
KW: COMPANY-Firm or company involved
AB: TANKER TRUCK CARRYING 46000lbs AMMONIUM NITRATE MIXED WITH DIESEL OIL INTO A PASTE LIKE SUBSTANCE. FAILED TO MAKE A CURVE AND WENT DOWN A 10ft EMBANKMENT INTO RIVER. ABOUT 50galls SPILLED FROM TRUCK.
RA: 1

43b) AN: 5590 A
CR: SRD
DA: 08/06/92
LO: PROVO; UTAH; USA
MN: AMMONIUM NITRATE
MT: SOLID
MH: OX-oxidising; EX-explosive
MC: 2072
OG: TRANSPORT; ROADTANKER-road-tanker
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
KW: COMPANY-Firm or company involved
AB: TANKER TRUCK CARRYING 46000lbs AMMONIUM NITRATE MIXED WITH DIESEL OIL INTO A PASTE LIKE SUBSTANCE. FAILED TO MAKE A CURVE AND WENT DOWN A 10ft EMBANKMENT INTO RIVER. ABOUT 50galls SPILLED FROM TRUCK.
RA: 1

44) AN: 5529
CR: SRD
DA: 03/05/92
LO: LOZERE; ; FRANCE
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 0; Injured: 0; Evacuated:
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
QY: 13.5
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: COMPANY-Firm or company involved
AB: TANKER WENT OUT OF CONTROL ON STEEP HILLSIDE ROAD & CAREERED DOWN REVINE. 15000l DIESEL PUMPED FROM RUPTURED TANKER, BUT SOME OF 30000l HAD ESCAPED SEEPING THROUGH SUBSOIL TO RIVER. ANTI-POLLUTION BARRAGE ESTABLISHED TO PROTECT RIVER. NO INJURIES.
RA: 2

45) AN: 5462
CR: SRD
DA: 03/04/92
LO: PLYMOUTH; DEVON; UK
MN: OIL
MH: FI-fire
MC: 1267
IT: CONTREL-continuous-release

OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
GC: EXTERNAL-external-events
SC: SABOTAGE-sabotage-or-vandalism
QY: 0.27
IS: NONIGNITE-non-ignition-of-flammable-materials
AB: UPTO 300l DIESEL OIL SPILLED INTO TRIBUTARY OF RIVER TAMAR. VANDALS BELIEVED TO HAVE RELEASED THE OIL FROM TIMBER YARD TANK.
RA: 2

46) AN: 5335
CR: SRD
DA: 12/01/92
LO: AALESUND; ; NORWAY
MN: FUEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; SHIP
GC: IMPACT-impact-failure
SC: SHIP/LAND-ship-to-land-collision,-also-barges
QY: 90
IS: NONIGNITE-non-ignition-of-flammable-materials
AB: ORE CARRIER CARRYING 520te FUEL & DIESEL OIL & SOME LUBRICANTS RAN AGROUND ON ROCKS AFTER ENGINE TROUBLE. CREW AIRLIFTED TO SAFETY. AROUND 100 CuM OIL SPILLED OUT OF VESSEL. WIND BLEW POLLUTION AWAY FROM BIRD SANCTUARY. VESSEL BEGAN TO BREAK UP.
RA: 3

47) AN: 5116 B
 CR: SRD
 DA: 11/09/91
 LO: ALDINGBOURNE; SUSSEX; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: TANKFIRE-tank-fire
 OG: TRANSPORT; RAILTANKER-rail-tanker
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 KW: PHOTO-Hard copy contains photograph(s); TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: LAST WAGON OF 14 WAGON TRAIN DERAILED ON LEVEL CROSSING AND CAUGHT FIRE. BURNING WAGON TOWED AWAY FROM REST OF TRAIN AND FOAM SPRAYED ON TANK. AREA SEALED OFF. 60 FIREMEN FOUGHT 7ft FLAMES.
 RA: 4

48) AN: 5069
 CR: SRD
 DA: 13/08/91
 LO: INCHON HARBOUR; ; SOUTH KOREA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 OG: TRANSPORT; SHIP
 GC: IMPACT-impact-failure
 SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
 IS: NONIGNITE-non-ignition-of-flammable-materials

AB: TANK AND BULK CARRIER COLLIDED ON HARBOUR APPROACH. A QUANTITY OF DIESEL OIL SPILLING FROM TANK AND POLLUTING SEA. TANK HOLDING 20,823 kilolitres OF DIESEL OIL AND 8023 kilolitres OF BUNKER FUEL OIL. REMAINING DIESEL OIL IN TANKS.
 RA: 1

49) AN: 4975
 CR: SRD
 DA: 17/11/86
 LO: SELBY; ; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: FIRE
 OG: TRANSPORT; SHIP
 AB: THREE MAN CREW OF TANK ESCAPED INJURY WHEN VESSEL CARRYING 420 TONS DIESEL OIL CAUGHT FIRE. DAMAGE CONTAINED TO BOILER ROOM.
 RA: 1

50) AN: 4972
 CR: SRD
 DA: 07/11/86
 LO: ST AUBIN; JERSEY; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 OG: TRANSPORT; PACKAGE-portable-transport-containers
 GC: IMPACT-impact-failure
 SC: VEHICLE-other-vehicle

IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: DIESEL OIL SPILLED ON ROAD AFTER TRUCK WAS IN COLLISION WITH CAR. DIESEL WAS IN DRUM WHICH FELL OVER IN BACK OF TRUCK AND LEAKED ON REAR TYRES, RESULTING IN ACCIDENT. ROAD WAS SANDED DOWN BY PUBLIC WORKS DEPARTMENT.
 RA: 1

51) AN: 4651
 CR: SRD
 DA: <07/02/91
 LO: LEEMING; YORKSHIRE; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 OG: TRANSPORT; PIPELINE
 AB: LIGHT DIESEL OIL CREATED 7 MILE SLICK AFTER UNDERGROUND PIPE FRACTURED. 200 galls RELEASED.
 RA: 1

52) AN: 4625
 CR: SRD
 DA: /07/91
 LO: BRADFORD; YORKSHIRE; UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release

OG: TRANSPORT; ROADTANKER-road-tanker
GC: EXTERNAL-external-events; IMPACT-impact-failure
SC: SABOTAGE-sabotage-or-vandalism; ROADACC-road-accident,-no-other-vehicle
QY: 3.18
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: MAP-Hard copy contains map; PHOTO-Hard copy contains photograph(s)
AB: THIEVES STOLE DIESEL TANKER CARRYING 1600 GALL FUEL, CRASHED AND OVERTURNED IT, SPILLING MORE THAN 1000 GALLS TO BECK. BOOMS DEPLOYED AND CLEAN UP OPERATION SUCCESS.
RA: 1

53) AN: 4433
CR: SRD
DA: 27/08/90
LO: ITAQUI; ; BRAZIL
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; SHIP
GC: IMPACT-impact-failure
SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
IS: NONIGNITE-non-ignition-of-flammable-materials
AB: OIL TANKER CARRYING 18500te DIESEL STRUCK WRECK OF BULK CARRIER ON APPROACH TO PORT, CARGO LEAKING FROM 4 TANKS.
RA: 1

54) AN: 4426
CR: SRD
DA: 29/08/90
LO: CHESAPEAKE; VIRGINIA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; PIPELINE
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: AFTER-After effects such as clear up, survival of injured, etc.; AREA-Size of the area affected
AB: NORMAL PRESSURE SURGE ON PIPE THAT HAD ACCIDENTALLY BEEN DRILLED INTO 2 weeks EARLIER BY ELECTRIC COMPANY RELEASED 67000galls DIESEL FUEL, 3000galls ONTO MARCHLAND. 47000galls OIL RECOVERED IN CLEAN-UP. LARGE ENVIRONMENTAL IMPACT.
RA: 2

55) AN: 4377 B
CR: SRD
DA: 09/12/81
LO: LOUISVILLE; KENTUCKY; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE
OG: TRANSPORT; BARGE
GC: IMPACT-impact-failure
SC: SHIP/SHIP-ship-to-ship-collision,-also-barges; SHIP/LAND-ship-to-land-collision,-also-barges
QY: 111.2
KW: COMPANY-Firm or company involved

AB: BARGES COLLIDED, LEAD BARGE CAUGHT FIRE SPILLING 42000gall OIL. CURRENTS & EVAPOURATION DISPERSED OIL. REMAINING CARGO LIGHTERED. DIESEL & GASOLINE CARRYING BARGES ALSO CAUGHT FIRE.
RA: 1

56) AN: 4309
CR: SRD
DA: 01/11/91
LO: FINDON; KENT; UK
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: RELEASE
OG: TRANSPORT; ROADTANKER-road-tanker
IS: NONIGNITE-non-ignition-of-flammable-materials
AB: DIESEL OIL SPILLING FROM FUEL TANK CAUSED 10 ACCIDENTS ESPECIALLY WHEN COMBINED WITH SURFACE WATER FROM THE NIGHT BEFORE. ROADS GRITTED AND 10te OF SAND EXPECTED TO BE PUT DOWN.
RA: 1

57) AN: 4299
CR: SRD
DA: 13/09/90
LO: DUSSELDORF; ; GERMANY
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; BARGE

GC: EXTERNAL-external-events; IMPACT-
 impact-failure
 SC: SHIP/SHIP-ship-to-ship-collision,-also-
 barges
 QY: 144
 AB: IN FOG 2 BARGES COLLIDED.
 1600001 OF SPILT DIESEL OIL SPREAD OVER
 30km OF RHINE. INTERNATIONAL
 POLLUTION ALARM ISSUED.
 RA: 2

58) AN: 4125
 CR: WORKSAFE
 DA: 20/09/90
 LO: BLACKWATER; QUEENSLAND;
 AUSTRALIA
 MN: LPG
 MT: PLGAS-pressurised-liquified-gas
 MH: FI-fire
 MC: 1075
 IT: EXPLODE-explosion; FIREBALL
 OG: TRANSPORT; PACKAGE-portable-
 transport-containers
 NP: Killed: 0; Injured: 1; Evacuated:
 GC: IMPACT-impact-failure
 SC: VEHICLE-other-vehicle
 AB: A TRAIN WITH EMPTY GRAIN
 CARRIAGES CRASHED INTO A TRUCK
 CARRYING 2 LPG CYLINDERS AT A LEVEL
 CROSSING. 1 OF THE CYLINDERS
 EXPLODED & A FIRE STARTED AS DIESEL
 OIL CAUGHT FIRE. A FIREBALL PRODUCED
 AS FIRE GOT SUCKED INTO AIR
 CONDITIONING VENTS OF TRAIN.
 RA: 2

59) AN: 4036
 CR: SRD
 DA: 08/06/90

LO: HUNGERFORD; CAMBRIDGESHIRE;
 UK
 MN: DIEEL FUEL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: CONTREL-continuous-release
 OG: STORAGE-storage-plant; ASVESSEL-
 storage-vessels,-atmospheric-pressure
 GC: EXTERNAL-external-events
 SC: SABOTAGE-sabotage-or-vandalism
 IS: NONIGNITE-non-ignition-of-flammable-
 materials
 KW: COMPANY-Firm or company involved;
 DETECT-Describes how the incident was detected;
 ENVIRMNT-Environmental impact of the incident
 (natural environment); PHOTO-Hard copy contains
 photograph(s)
 AB: GALLONS OF DIESEL OIL LEAKED
 FROM A STORAGE TANK INTO A CANAL.
 THREATENING WILD LIFE. 1.5MILES OF
 CANAL WAS CONTAMINATED WITH THE
 OIL. GIANT TISSUES AND BOOMS WERE
 LAID TO ABSORB THE SPILLAGE. VANDALS
 THOUGHT TO BE RESPONSIBLE FOR LEAK.
 RA: 1

60) AN: 4006
 CR: SRD
 DA: 09/03/89
 LO: SANDBACH; CHESHIRE; UK
 MN: BROMOPROPANE4 PROPYL
 MT: LIQUID
 MH: TO-toxic; FI-fire
 MC: 2344
 IT: RELEASE
 OG: TRANSPORT; ROADTANKER-road-
 tanker
 NP: Killed: 4; Injured: 9; Evacuated:
 GC: IMPACT-impact-failure

SC: ROADACC-road-accident,-no-other-
 vehicle
 KW: PHOTO-Hard copy contains photograph(s)
 AB: A LORRY TRAVELLING ON A
 MOTORWAY SKIDDED ON DIESEL OIL
 LEAKED FROM A TANKER, OVERTURNED &
 SPILT ITS LOAD OF BROMOPROPANE
 PROPYL BROMIDE ON MOTORWAY. 4
 PEOPLE WERE KILLED IN THE RESULTING
 PILE UP WHICH INVOLVED MORE THAN 30
 VEHICLES.
 RA: >10

61) AN: 4005
 CR: SRD
 DA: /05/89
 LO: GLOUCESTER; GLOUCESTERSHIRE;
 UK
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE
 QY: 3
 KW: COMPANY-Firm or company involved;
 FACTORS-Aggravating or mitigating factors
 AB: 1000GAL OF DIESEL OIL ESCAPED
 FROM A COMPANY PREMISES & ENTERED A
 STREAM VIA THE SEWERS. POLLUTION WAS
 CONTAINED TO 0.5MILE OF STREAM USING
 BOOMS. COMPANY WAS NOT SURE HOW
 THE DIESEL ESCAPED.
 RA: 1

62) AN: 3770
 CR: SRD
 DA: 01/02/89
 LO: CALGARY; ALBERTA; CANADA
 MN: DIESEL OIL

MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; RAILTANKER-rail-tanker
GC: IMPACT-impact-failure
SC: VEHICLE-other-vehicle
QY: 70
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: WEATHER-Weather conditions at the time of, or during, the incident
AB: OVER 70te DIESEL SPILT FROM THREE TANK CARS AT A RAIL YARD. LEAKAGES DUE TO SHUNTING DAMAGE WHICH OCCURRED AT EXTREMELY LOW TEMPERATURE.
RA: 1

63) AN: 3743
CR: SRD
DA: 01/04/89
LO: TANTA; ; EGYPT
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 5; Injured: 43; Evacuated:
GC: IMPACT-impact-failure
SC: RAILACC-rail-accident,-no-other-vehicle
IS: FRICSPARK-friction-sparks; INCAND-
incandescent-particles
KW: KNOCK-ON-Describes any knock-on or domino type effects caused; WEATHER-Weather conditions at the time of, or during, the incident
AB: A FREIGHT TRAIN DERAILED IN THICK FOG AT 0770 LOCAL TIME. SPARKS IGNITED DIESEL OIL LEAKING FROM 3

TANKCARS. A PASSENGER TRAIN CRASHED INTO THE WRECKAGE.
RA: 4

64a) AN: 3577 B
CR: SRD
DA: 24/08/88
LO: EWELL; MARYLAND; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: CONTREL-continuous-release
OG: TRANSPORT; BARGE
QY: 445
AB: BARGE CARRYING DIESEL OIL/GASOLINE/KEROSENE LEAKED UPTO 168000gall OF PRODUCT LEAVING OIL SLICK 15miles LONG * 1/2mile WIDE.
RA: 1

64b) AN: 3577 A
CR: SRD
DA: 24/08/88
LO: EWELL; MARYLAND; USA
MN: DIESEL FUEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; BARGE
QY: 445
AB: BARGE CARRYING DIESEL OIL/GASOLINE/KEROSENE LEAKED UPTO 168000gall OF PRODUCT LEAVING OIL SLICK 24km LONG * 1km WIDE.
RA: 1

65) AN: 3453
CR: SRD
DA: 18/11/88
PD: R-rural
LO: CASTRIES; ; ST LUCIA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: RELEASE
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
QY: 45
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: COMPANY-Firm or company involved; RESPONSE-Emergency response to the incident
AB: 1500bbl DIESEL WERE RELEASED FROM AN OIL COMPANY INSTALLATION ADJACENT TO THE HARBOUR, INTO THE SEA. THE SPILL WAS CONTAINED WITHIN A PARTIAL BOOM.
RA: 2

66a) AN: 3449 B
CR: SRD
DA: 24/08/88
LO: POTOMIC RIVER; VIRGINIA; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: CONTREL-continuous-release
OG: TRANSPORT; SHIP
AB: SOME 200000galls. OF 80% DIESEL OIL/20% GASOLINE MIX SPILLED FROM BARGE AFTER HULL SPLIT. BARGE WAS GROUNDED & REMAINING CARGO TRANSSHIPPED.

RA:	1	IS:	NONIGNITE-non-ignition-of-flammable-materials	CR:	SRD
66b)	AN: 3449 A	AB:	TANK CAR IN FREIGHT TRAIN	DA:	21/12/85
CR:	SRD	LEAKED AN ESTIMATED 3000galls. DIESEL		PD:	T-town
DA:	24/08/88	FUEL OVER A DISTANCE OF 2miles AFTER IT		LO:	NAPLES; ; ITALY
LO:	POTOMIC RIVER; VIRGINIA; USA	WAS REPORTEDLY PUNCTURED BY AN IRON		MN:	GASOLINE
MN:	DIESEL OIL	BAR LYING ON THE TRACKS.		MT:	LIQUID
MT:	LIQUID	RA:	1	MH:	FI-fire
MH:	FI-fire	68a)	AN: 3414 B	MC:	1270
MC:	1223	CR:	SRD	IT:	EXPLODE-explosion; POOLFIRE-pool-fire
IT:	CONTREL-continuous-release	DA:	21/12/85	OG:	TRANSFER-loading,-unloading;
OG:	TRANSPORT; BARGE	PD:	T-town	PIPELINE	
GC:	IMPACT-impact-failure	LO:	NAPLES; ; ITALY	NP:	Killed: 4; Injured: 170; Evacuated: 2 x 10E3
SC:	SHIP/LAND-ship-to-land-collision,-also-barges	MN:	DIESEL	DG:	US\$ >20 x 10E6
AB:	SOME 200000galls 80% DIESEL	MT:	LIQUID	KW:	COMPANY-Firm or company involved;
OIL/20% GASOLINE MIX SPILLED FROM		MH:	FI-fire	RESPONSE-Emergency response to the incident;	
BARGE AFTER HULL SPLIT. BARGE WAS		MC:	1223	INJURIES-Types of, or causes of or degree of	
GROUNDED & REMAINING CARGO		IT:	EXPLODE-explosion; POOLFIRE-pool-fire	injuries; TIMING-Timing of the incident, time of day,	
TRANSSHIPPED.		OG:	TRANSFER-loading,-unloading;	shift, handover, lunch break, etc.	
RA:	1	PIPELINE		AB:	EXPLOSION/FIRE DURING
67)	AN: 3437	NP:	Killed: 4; Injured: 170; Evacuated: 2 x 10E3	TRANSFER OF PETROL FROM SHIP TO	
CR:	SRD	DG:	US\$ >20 x 10E6	STORAGE SPREAD TO 27 STORAGE TANKS	
DA:	10/12/87	KW:	COMPANY-Firm or company involved;	CONTAINING 72000te OF	
LO:	NORTH ADAMS; MASSACHUSETTS;	RESPONSE-Emergency response to the incident;		GASOLINE/DIESEL/OIL. EXPLOSION	
USA		INJURIES-Types of, or causes of or degree of		OCCURRED DUE TO BUILD UP OF FUMES. 2	
MN:	DIESEL OIL	injuries; TIMING-Timing of the incident, time of day,		PEOPLE OUTSIDE DEPOT KILLED BY	
MT:	LIQUID	shift, handover, lunch break, etc.		FALLING MASONRY.	
MH:	FI-fire	AB:	EXPLOSION/FIRE DURING	RA:	1
MC:	1223	TRANSFER OF PETROL FROM SHIP TO		68c)	AN: 3414 A
IT:	CONTREL-continuous-release	STORAGE TANK SPREAD TO 27 STORAGE		CR:	SRD
OG:	TRANSPORT; RAILTANKER-rail-tanker	TANKS CONTAINING 72000te OF		DA:	21/12/85
NP:	Killed: 0; Injured: 0; Evacuated:	GASOLINE/DIESEL/OIL. EXPLOSION		LO:	NAPLES; ; ITALY
GC:	EXTERNAL-external-events; IMPACT-	OCCURRED DUE TO BUILD UP OF FUMES. 2		MN:	OIL
impact-failure		PEOPLE OUTSIDE DEPOT KILLED BY		MT:	LIQUID
SC:	HVYOBJECT-heavy-object	FALLING MASONRY.		MH:	FI-fire
QY:	10	RA:	1	MC:	1267
		68b)	AN: 3414 D	IT:	EXPLODE-explosion; POOLFIRE-pool-fire

OG: TRANSFER-loading,-unloading;
 PIPELINE
 NP: Killed: 4; Injured: 170; Evacuated: >2 x
 10E3
 DG: US\$ >20 x 10E6
 KW: COMPANY-Firm or company involved;
 AFTER-After effects such as clear up, survival of
 injured, etc.; EXTENT-Extent of the damage caused;
 KNOCK-ON-Describes any knock-on or domino
 type effects caused; PROGRESN-How the incident
 progressed or developed with time
 AB: EXPLOSION/FIRE DURING
 TRANSFER OF PETROL FROM SHIP TO
 STORAGE TANKS SPREAD TO 27 STORAGE
 TANKS CONTAINING 72000te OF
 GASOLINE/DIESEL/OIL. EXPLOSION
 OCCURRED DUE TO BUILD UP OF FUMES. 2
 PEOPLE OUTSIDE DEPOT KILLED BY
 FALLING MASONRY.
 RA: 1

69a) AN: 3214 B
 CR: SRD
 DA: 20/08/71
 PD: R-rural
 LO: HUNTINGTON; OHIO; USA
 MN: DIESEL OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: RELEASE; POOLFIRE-pool-fire
 OG: TRANSPORT; RAILTANKER-rail-tanker
 NP: Killed: 0; Injured: 0; Evacuated:
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 AB: CONTENTS OF
 ACRYLONITRILE/DIESEL OIL TANKERS
 RELEASED FOLLOWING DERAILMENT OF 20
 WAGON TRAIN. ESCAPING CONTENTS
 IGNITED.

RA: 1
 69b) AN: 3214 A
 CR: SRD
 DA: 20/08/71
 PD: R-rural
 LO: HUNTINGTON; OHIO; USA
 MN: ACRYLONITRILE
 MT: LIQUID
 MH: FI-fire
 MC: 1093
 IT: RELEASE; POOLFIRE-pool-fire
 OG: TRANSPORT; RAILTANKER-rail-tanker
 NP: Killed: 0; Injured: 0; Evacuated:
 GC: IMPACT-impact-failure
 SC: RAILACC-rail-accident,-no-other-vehicle
 AB: CONTENTS OF
 ACRYLONITRILE/DIESEL OIL TANKERS
 RELEASED FOLLOWING DERAILMENT OF 20
 WAGON TRAIN. ESCAPING CONTENTS
 IGNITED.
 RA: 1

70a) AN: 3175 B
 CR: SRD
 DA: 12/06/88
 PD: V-village
 LO: DANBURY; ESSEX; UK
 MN: HEATING OIL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: FIRE; EXPLODE-explosion
 NP: Killed: ; Injured: 5; Evacuated: 0.2 x 10E3
 QY: 100
 KW: COMPANY-Firm or company involved;
 NUISANCE-Nuisance (non-hazardous) caused by the
 incident; RESPONSE-Emergency response to the

incident; PUBLIC-Public reaction to the incident;
 PHOTO-Hard copy contains photograph(s)
 AB: PAINT FACTORY BURNT DOWN,
 POSSIBILITY ARSON. WHITE SPIRIT,
 CREOSOTE, TURPS, LINSEED OIL, DIESEL,
 HEATING OIL, TAR, VARNISH, ALSO
 OXYGEN CYLINDERS EXPLODED INJURING
 3. NUMEROUS SMALL EXPLOSIONS,
 FAMILIES EVACUATED. 35 ENGINES
 ATTENDED.
 RA: 2

70b) AN: 3175 C
 CR: SRD
 DA: 12/06/88
 PD: V-village
 LO: DANBURY; ESSEX; UK
 MN: PAINTS
 MT: LIQUID
 MH: FI-fire
 MC: 1263
 IT: FIRE; EXPLODE-explosion
 NP: Killed: ; Injured: 5; Evacuated: 0.2 x 10E3
 QY: 100
 KW: COMPANY-Firm or company involved;
 NUISANCE-Nuisance (non-hazardous) caused by the
 incident; RESPONSE-Emergency response to the
 incident; PUBLIC-Public reaction to the incident;
 PHOTO-Hard copy contains photograph(s)
 AB: PAINT FACTORY BURNT DOWN,
 POSSIBILITY ARSON. WHITE SPIRIT,
 CREOSOTE, TURPS, LINSEED OIL, DIESEL,
 HEATING OIL, TAR, VARNISH, ALSO
 OXYGEN CYLINDERS EXPLODED INJURING
 3. NUMEROUS SMALL EXPLOSIONS,
 FAMILIES EVACUATED. 35 ENGINES
 ATTENDED.
 RA: 2

70c) AN: 3175 D
CR: SRD
DA: 12/06/88
PD: V-village
LO: DANBURY; ESSEX; UK
MN: OXYGEN
MT: PLGAS-pressurised-liquified-gas
MH: OX-oxidising; FI-fire
MC: 1072
IT: FIRE; EXPLODE-explosion
NP: Killed: ; Injured: 5; Evacuated: 0.2 x 10E3
QY: 100
KW: COMPANY-Firm or company involved;
NUISANCE-Nuisance (non-hazardous) caused by the
incident; RESPONSE-Emergency response to the
incident; PUBLIC-Public reaction to the incident;
PHOTO-Hard copy contains photograph(s)
AB: PAINT FACTORY BURNT DOWN,
POSSIBILITY ARSON. WHITE SPIRIT,
CREOSOTE, TURPS, LINSEED OIL, DIESEL,
HEATING OIL, TAR, VARNISH, ALSO
OXYGEN CYLINDERS EXPLODED INJURING
3. NUMEROUS SMALL EXPLOSIONS,
FAMILIES EVACUATED. 35 ENGINES
ATTENDED.
RA: 2

70d) AN: 3175 A
CR: SRD
DA: 12/06/88
PD: V-village
LO: DANBURY; ESSEX; UK
MN: WHITE SPIRIT
MT: LIQUID
MH: FI-fire
MC: 1993
IT: FIRE; EXPLODE-explosion
NP: Killed: ; Injured: 5; Evacuated: 0.2 x 10E3
QY: 100

KW: COMPANY-Firm or company involved;
NUISANCE-Nuisance (non-hazardous) caused by the
incident; RESPONSE-Emergency response to the
incident; PUBLIC-Public reaction to the incident;
PHOTO-Hard copy contains photograph(s)
AB: PAINT FACTORY BURNT DOWN,
POSSIBILITY ARSON. WHITE SPIRIT,
CREOSOTE, TURPS, LINSEED OIL, DIESEL,
HEATING OIL, TAR, VARNISH, ALSO
OXYGEN CYLINDERS EXPLODED INJURING
3. NUMEROUS SMALL EXPLOSIONS,
FAMILIES EVACUATED. 35 ENGINES
ATTENDED.
RA: 2

71) AN: 3019
CR: SRD
DA: 22/01/88
PD: T-town
LO: PICO RIVERA; CALIFORNIA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release;
POOLFIRE-pool-fire
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 1; Injured: 2; Evacuated:
GC: IMPACT-impact-failure
SC: RAILACC-rail-accident,-no-other-vehicle;
VEHICLE-other-vehicle
AB: TRAIN DERAILMENT SENT ENGINE
& RAILCARS CAREERING INTO
RESIDENTIAL STREET. FLAMES/INTENSE
HEAT AS AS DIESEL FUEL ESCAPING FROM
RAILCARS BURNED FOR 3 hours.
RA: 2

72a) AN: 3013

DA: / /72
PD: R-rural
LO: ; QUEENSLAND; AUSTRALIA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion
OG: TRANSPORT; ROADTANKER-road-
tanker
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire; EXTNLEXP-explosion
IS: FLAME-naked-flames; FLARE-flares
KW: PROGRESN-How the incident progressed
or developed with time; MATPROPS-Properties of
the material(s) involved in the incident
AB: A SET OF ROAD WAGONS
CARRYING PRILLED AMMONIUM NITRATE
CAUGHT FIRE. THE AMMONIUM NITRATE
MELTED, SOME RAN INTO THE ROAD.
DIESEL OIL ALSO BEING CARRIED CAUGHT
FIRE. IT IS THOUGHT THAT THE VEHICLE
DIESEL TANK EXPLODED THEN THE
AMMONIUM NITRATE FOLLOWED.
RA: 1

72b) AN: 3013
DA: / /72
PD: R-rural
LO: ; QUEENSLAND; AUSTRALIA
MN: AMMONIUM NITRATE
MT: SOLID
MH: OX-oxidising; EX-explosive
MC: 2072
IT: EXPLODE-explosion
OG: TRANSPORT; ROADTANKER-road-
tanker
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire; EXTNLEXP-explosion
IS: FLAME-naked-flames; FLARE-flares

KW: PROGRESN-How the incident progressed or developed with time; MATPROPS-Properties of the material(s) involved in the incident
AB: A SET OF ROAD WAGONS CARRYING PRILLED AMMONIUM NITRATE CAUGHT FIRE. THE AMMONIUM NITRATE MELTED, SOME RAN INTO THE ROAD. DIESEL OIL ALSO BEING CARRIED CAUGHT FIRE. IT IS THOUGHT THAT THE VEHICLE DIESEL TANK EXPLODED THEN THE AMMONIUM NITRATE FOLLOWED.
RA: 1

73a) AN: 868 C
CR: SRD
DA: 21/10/79
PD: R-rural
LO: FORT ST JOHN; BRITISH COLUMBIA; CANADA
MN: GASOLINE
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: EXPLODE-explosion; FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ <2 x 10E6
GC: EXTERNAL-external-events; IMPACT-impact-failure
SC: SABOTAGE-sabotage-or-vandalism; RAILACC-rail-accident,-no-other-vehicle
QY: 67
KW: COMPANY-Firm or company involved; EXTENT-Extent of the damage caused; NUISANCE-Nuisance (non-hazardous) caused by the incident; COMBUST-Details such as thermal flux at given distance; LEGALITY-Information on any laws which were broken or which were important mitigating factors

AB: 236,000gall PETROLEUM PRODUCTS (PETROL, DIESEL OIL, BUTANE) BURNED AFTER 11 LOADED TANKCARS ROLLED FROM A SIDING & DERAILED. 9 TANKCARS & 425m WOODEN BRIDGE APPROACH DESTROYED. 2 MEN CHARGED WITH PUBLIC MISCHIEF.
RA: 1

73b) AN: 868 B
CR: SRD
DA: 21/10/79
PD: R-rural
LO: FORT ST JOHN; BRITISH COLUMBIA; CANADA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ <2 x 10E6
GC: EXTERNAL-external-events; IMPACT-impact-failure
SC: SABOTAGE-sabotage-or-vandalism; RAILACC-rail-accident,-no-other-vehicle
QY: 250
KW: COMPANY-Firm or company involved; EXTENT-Extent of the damage caused; NUISANCE-Nuisance (non-hazardous) caused by the incident; COMBUST-Details such as thermal flux at given distance; LEGALITY-Information on any laws which were broken or which were important mitigating factors
AB: 236,000gall PETROLEUM PRODUCTS (PETROL, DIESEL OIL, BUTANE) BURNED AFTER 11 LOADED TANKCARS ROLLED FROM A SIDING & DERAILED. 9 TANKCARS & 425m WOODEN BRIDGE APPROACH

DESTROYED. 2 MEN CHARGED WITH PUBLIC MISCHIEF.
RA: 1

73c) AN: 868 A
CR: SRD
DA: 21/10/79
PD: R-rural
LO: FORT ST JOHN; BRITISH COLUMBIA; CANADA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: EXPLODE-explosion; FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ <2 x 10E6
GC: EXTERNAL-external-events; IMPACT-impact-failure
SC: SABOTAGE-sabotage-or-vandalism; RAILACC-rail-accident,-no-other-vehicle
QY: 402
KW: COMPANY-Firm or company involved; EXTENT-Extent of the damage caused; NUISANCE-Nuisance (non-hazardous) caused by the incident; COMBUST-Details such as thermal flux at given distance; LEGALITY-Information on any laws which were broken or which were important mitigating factors
AB: 236,000gall PETROLEUM PRODUCTS (PETROL, DIESEL OIL, BUTANE) BURNED AFTER 11 LOADED TANKCARS ROLLED FROM A SIDING & DERAILED. 9 TANKCARS & 425m WOODEN BRIDGE APPROACH DESTROYED. 2 MEN CHARGED WITH PUBLIC MISCHIEF.
RA: 1

74) AN: 2752
CR: SRD
DA: 02/01/88
PD: T-town
LO: FLOREFFE; PENNSYLVANIA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: INSTREL-instantaneous-release; POOL-pool-of-liquid-formed
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 0.4 x 10E6
GC: HUMAN-human-factor; MECHANICAL-mechanical-failure
SC: CONSTRUCT-construction-error; WELDFAIL-weld-failure; BRITTLE-brittle-failure
QY: 14200
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: AFTER-After effects such as clear up, survival of injured, etc.; PHOTO-Hard copy contains photograph(s); WEATHER-Weather conditions at the time of, or during, the incident; ENVIRMNT-Environmental impact of the incident (natural environment); AREA-Size of the area affected
AB: REASSEMBLED 40 YEAR OLD STORAGE TANK FAILED CATASTROPHICALLY DURING FIRST REFILL. 3.9E*6gall DIESEL OIL RELEASED OF WHICH 750000gall OVERTOPPED DYKES & FLOWED INTO RIVER CAUSING SERIOUS DISRUPTION TO WATER SUPPLIES & ENVIRONMENT.
RA: >10

75a) AN: 2584 B
CR: SRD
DA: 04/12/57

LO: MERAUX; LOUISIANA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: INSTREL-instantaneous-release; POOLFIRE-pool-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 1; Injured: 0; Evacuated:
DG: US\$ 1 x 10E6
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire
QY: 1600
KW: PHOTO-Hard copy contains photograph(s); RESPONSE-Emergency response to the incident; COMPANY-Firm or company involved; KNOCK-ON-Describes any knock-on or domino type effects caused
AB: OPERATOR CLOSED VALVE ON LINE TO 14000bbl ABOVE-GROUND PETROL STORAGE. TANK COLLAPSED & PETROL WAVE SPREAD OVER BUND INTO ADJACENT STORAGE AREAS. ENSUING FIRE INVOLVED 8 TANKS CONTAINING PETROL/DIESEL OIL. BURNING LIQUID SPREAD 300ft.
RA: 1

75b) AN: 2584 A
CR: SRD
DA: 04/12/57
LO: MERAUX; LOUISIANA; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: INSTREL-instantaneous-release; POOLFIRE-pool-fire

OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 1; Injured: 0; Evacuated:
DG: US\$ 1 x 10E6
GC: MECHANICAL-mechanical-failure
SC: METALLURG-other-metallurgical-failure
QY: 7000
KW: PHOTO-Hard copy contains photograph(s); RESPONSE-Emergency response to the incident; COMPANY-Firm or company involved; KNOCK-ON-Describes any knock-on or domino type effects caused
AB: OPERATOR CLOSED VALVE ON LINE TO 14000bbl ABOVE-GROUND PETROL STORAGE. TANK COLLAPSED & PETROL WAVE SPREAD OVER BUND INTO ADJACENT STORAGE AREAS. ENSUING FIRE INVOLVED 8 TANKS CONTAINING PETROL/DIESEL OIL. BURNING LIQUID SPREAD 300ft.
RA: 1

76) AN: 1709 B
CR: SRD
DA: 27/09/78
LO: OVIEDO; ASTURIAS; SPAIN
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: 7; Injured: 0; Evacuated:
GC: SERVICE-services-failure
SC: ELECTRIC-electricity
IS: ELECTRIC-electric-sparks; VEHICLE-vehicle-electrics
AB: ELECTRIC TRAIN PULLING 13 TANK CARS WAS STOPPED IN TUNNEL BY POWER FAILURE. EXPLOSION OCCURRED WHEN

DIESEL ENTERED TUNNEL TO PUSH OUT
ELECTRIC TRAIN.

RA: 1

77) AN: 1570 A
CR: SRD
DA: 24/09/77
LO: ROMEOVILLE; ILLINOIS; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-
storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
DG: US\$ >8.4 x 10E6
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: <32000
IS: ELECTRIC-electric-sparks; STATIC-static-
including-lightning

KW: COMPANY-Firm or company involved;
RESPONSE-Emergency response to the incident;
KNOCK-ON-Describes any knock-on or domino
type effects caused

AB: FIRE BEGAN EARLY MORNING
WHEN LIGHTNING STRUCK 11 MILLION gall
DIESEL FUEL TANK AT UNION OIL CO.
REFINERY. FIRE SPREAD TO 2 TANKS
CONTAINING 16.5 MILLION GALLS
GASOLINE. FIRES EXTINGUISHED BY 2400
26/09/77.

RA: 1

78) AN: 1309
CR: SRD
DA: 14/02/86

LO: MEDAN AREA; NORTH SUMATRA;
INDONESIA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE
OG: TRANSPORT; RAILTANKER-rail-tanker
NP: Killed: >2; Injured: ; Evacuated:
GC: IMPACT-impact-failure
SC: RAILACC-rail-accident,-no-other-vehicle
KW: COMBUST-Details such as thermal flux at
given distance
AB: 2 FREIGHT TRAINS COLLIDED, 1
CARRYING 14 WAGONS OF DIESEL, THE
OTHER CARRYING VEGETABLE OIL. THE
TANKER TRAIN WITH 14 WAGONS OF
DIESEL RAN INTO THE OTHER TRAIN. THE
BURNING FUEL SENT FLAMES MORE THAN
200M INTO THE AIR.
RA: 1

79) AN: 1011
CR: SRD
DA: 15/06/84
PD: R-rural
LO: MILFORD HAVEN; DYFED; UK
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion
OG: TRANSPORT; SHIP
NP: Killed: 4; Injured: 17; Evacuated:
GC: HUMAN-human-factor; PROCOND-
upset-process-conditions
SC: GENERALOP-general-operational;
DRAINACC-draining-accident
QY: 6
IS: FLAME-naked-flames; FLARE-flares

KW: ADVICE-Contains recommendations to
prevent repetitions of the incident; DISPERSE-
Dispersion of material; ENQUIRY-Investigations,
public enquiries, etc., into the incident; PRODESC-
Contains a description of the process as usually
undertaken at the site of the incident
AB: TANKER "POINTSMAN" IN MILFORD
HAVEN FOR MAINTENANCE CERTIFIED GAS
FREE. EXPLOSION OCCURRED WHEN
WORKERS LIT ACETYLENE TORCH
IGNITING GAS OIL/MOTOR SPIRIT
VAPOURS. 2 FURTHER EXPLOSIONS INJURED
FIREFIGHTERS.
RA: 4

80) AN: 888
CR: SRD
DA: 20/08/79
PD: R-rural
LO: CHALINZE; ; TANZANIA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: POOL-pool-of-liquid-formed;
POOLFIRE-pool-fire
OG: TRANSPORT; PIPELINE
GC: MECHANICAL-mechanical-failure;
EXTERNAL-external-events
SC: CORRODE
IS: HOTSURFACE-hot-surface;
CIGARETTE
KW: TIMING-Timing of the incident, time of
day, shift, handover, lunch break, etc.; NUISANCE-
Nuisance (non-hazardous) caused by the incident
AB: 1700 KM PIPELINE FROM DAR-ES-
SALAAM TO ZAMBIA COPPER BELT. LEAK
CAUSED BY CORROSIVE SOIL, LED TO 2 KM
STREAM OF OIL. PEASANT IGNITED WITH
CIGARETTE IN MORNING WHILE GOING TO

FIELDS. ZAMBIA LEFT WITH 10 DAYS STOCK.
80 KM WEST OF DAR-ES-SALAAM.
RA: 1

81) AN: 769
CR: SRD
DA: 03/07/79
PD: T-town
LO: EDINBURGH; LOTHIAN; UK
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE
OG: PROCESS-process-plant;
HEATXCHANG-heat-exchangers
NP: Killed: 0; Injured: 0; Evacuated: 0.2 x 10E3
DG: US\$ >0.1 x 10E6
GC: HUMAN-human-factor
SC: GENERALOP-general-operational
IS: FLAME-naked-flames
KW: COMPANY-Firm or company involved
AB: OXY-ACETYLENE EQUIPMENT
IGNITED SPILLED DIESEL OIL. 200 WORKERS
FLED LORIMER'S BREWERY, ST LEONARDS
ST. 40 FIREMEN. PRODUCTION NOT
AFFECTED. FIRE IN BOILER HOUSE.
RA: 1

82) AN: 533
CR: SRD
DA: 02/03/79
PD: T-town
LO: DUNDEE; TAYSIDE; UK
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE

OG: WAREHOUSE; ASVESSEL-storage-
vessels,-atmospheric-pressure
DG: US\$ 1 x 10E6
QY: 9
KW: COMPANY-Firm or company involved;
DURATION-Duration of the incident; KNOCK-
ON-Describes any knock-on or domino type effects
caused; AREA-Size of the area affected
AB: TEXTILE WAREHOUSE OF WILLIAM
HALLEY + SONS LTD. WILL HAVE TO BE
DEMOLISHED. FIRE INVOLVING FUEL
STORE FOR OVER 24 HOURS. FIREBRANDS
STARTED SMALLER OUTBREAKS AT UP TO
1/2 MILE. FIREMEN AT SCENE FOR SEVERAL
DAYS. 3 STOREY BUILDING . PRODUCTION
NOT AFFECTED.
RA: 1

83) AN: 492
CR: SRD
DA: 03/02/79
LO: ; ; UGANDA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
OG: STORAGE-storage-plant; ASVESSEL-
storage-vessels,-atmospheric-pressure
GC: EXTERNAL-external-events
SC: SABOTAGE-sabotage-or-vandalism
KW: COMPANY-Firm or company involved
AB: BOMB ATTACK CAUSED DAMAGE
TO BULK DIESEL OIL TANK OPERATED BY
TOTAL IN UGANDA (FRENCH COMPANY)
RA: 1

84) AN: 379
CR: SRD
DA: 11/10/71

LO: RIVERPORT; NOVA SCOTIA;
CANADA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: RELEASE; CONTREL-continuous-release
OG: STORAGE-storage-plant; ASVESSEL-
storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated:
GC: EXTERNAL-external-events
SC: HIGHWINDS-high-winds
IS: NONIGNITE-non-ignition-of-flammable-
materials
KW: COMPANY-Firm or company involved;
DESIGN-Design of plant equipment
AB: TWO DIESEL STORAGE TANKS, ONE
FILLED TO CAPACITY THE OTHER HALF
FULL, TOPPLED INTO HARBOUR. SOME OIL
SEEPED OUT. ONE TANK COMPLETELY
SUBMERGED. FULL TANK WAS 20ft HIGH,
MORE THAN 10ft IN DIAMETER &
CONTAINED ABOUT 30000gall OIL.
RA: 1

85) AN: 102
CR: SRD
DA: 03/01/77
LO: BILLINGS; MONTANA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; FIRE
OG: PROCESS-process-plant; PIPEWORK
NP: Killed: 0; Injured: 1; Evacuated:
GC: MECHANICAL-mechanical-failure
KW: COMPANY-Firm or company involved
AB: 2 EXPLOSIONS AT EXXON
REFINERY, RESULTING FIRE BROUGHT



FOX Petroli S.p.A. – Deposito Costiero di Pesaro
Rapporto di Sicurezza
Appendice B – Analisi storica



UNDER CONTROL SEVERAL HOURS AFTER
OUTBREAK. CAUSE OF IGNITION
UNKNOWN.
RA: 1

86) AN: 92
CR: SRD
DA: 09/05/70

LO: LAKE MARACAIBO; TEXAS; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire

MC: 1223
IT: FIRE
OG: PROCESS-process-plant; PIPEWORK
NP: Killed ; Injured: >1; Evacuated:

KW: COMPANY-Firm or company involved
AB: FIRE ERUPTED FROM DIESEL FUEL
LINE CAUSING MODERATE DAMAGE AND
INJURED SEVERAL WORKMEN ON THE
OFFSHORE CO'S RIG NO. 60.
RA: 1

CASE HISTORIES: DIESEL FUEL

1) AN: 9788
ME: A-; Y
CR: AEA
DA: 08/06/1999
LO: AUSTRALIA; NEW SOUTH WALES;
PAMBULA
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release; FIRE fire-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: --; Injured: 1; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: <35.00
KW: DURATION Duration of the incident;
TIMING Timing of the incident, time of day, shift,
handover, lunch break, etc.; ENVIRMNT
Environmental impact of the incident (natural
environment)
AB: A TANKER CARRYING DIESEL AND
PETROL CRASHED AND BURST INTO
FLAMES. 38000L OF CARGO WAS SPILT INTO
THE RIVER YOWAKA, THREATENING
NEARBY OYSTER BEDS. LARGE
CONTAINMENT BOOMS WERE PLACED BY
CREWS. THE DRIVER SUFFERED MINOR
BURNS.
RA: 2
ID: 19990608
IY: 1999
IR: 1
QR: 34

2) AN: 9787
ME: N
CR: AEA
DA: 08/06/1999
LO: HONG KONG
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; BARGE
GC: EXTERNAL external-events
SC: HIGHWINDS high-winds
QY: 9.00
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: 10m3 OF LIGHT DIESEL SPILT AFTER
A FUEL BARGE SUNK AT A FERRY
TERMINAL. THE BARGE SUNK DUE TO
TYPHOON 'MAGGIE'.
RA: 2
ID: 19990608
IY: 1999
QR: 9

3) AN: 9757
ME: N
CR: AEA
DA: 17/05/1999
LO: ZAMBIA; NDOLA
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: PROCESS process-; PIPEWORK
NP: Killed: --; Injured: 2; Evacuated: --
GC: MECHANICAL mechanical-failure;
HUMAN human-factor

SC: MAINTAIN general-maintenance
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift,
handover, lunch break, etc.
AB: A FIRE SEVERELY DAMAGED
ZAMBIAS ONLY REFINERY. THE FIRE
STARTED IN THE DISTILLATION UNIT AND
LEAKS FROM AGEING EQUIPMENT ARE
SUSPECTED AS THE CAUSE. THE REFINERY
HAS BEEN SHUT DOWN FOR MONTHS,
CAUSING BIG DISRUPTION TO THE
COUNTRY'S ECONOMY.
RA: 4
ID: 19990517
IY: 1999
IR: 2
4) AN: 9751
ME: N
CR: AEA
DA: 13/05/1999
PD: U urban
LO: USA; CALIFORNIA; SAN JOSE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; RAILTANKER
rail-tanker
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: DIESEL LEAKED ONTO CITY
STREETS AFTER AN ENGINE AND SEVERAL
FUEL CARS DERAILED. HAZARDOUS
MATERIALS TEAMS CLEANED UP.
RA: 2
ID: 19990513
IY: 1999

5) AN: 9750
 ME: N
 CR: AEA
 DA: 13/05/1999
 PD: U urban
 LO: UK; LOTHIAN; EDINBURGH
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved
 AB: A DRIVER DISCOVERED RED DIESEL SPILLING FROM HIS TANKER AFTER HE HAD GONE TO ASK DIRECTIONS. THE CAUSE OF THE SPILL IS UNKNOWN.
 RA: 1
 ID: 19990513
 IY: 1999

6) AN: 9741
 ME: N
 CR: AEA
 DA: 10/05/1999
 LO: USA; KANSAS; ATCHISON
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 QY: <787.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; RESPONSE Emergency

response to the incident; ENVIRMNT Environmental impact of the incident (natural environment)
 AB: A PIPELINE TRANSPORTING DIESEL BROKE FOR AN UNKNOWN REASON. AN ABNORMAL PRESSURE WAS DETECTED IN THE CONTROL ROOM AND THE PIPELINE SHUT DOWN. THE LEAK WAS FOUND LATER. BETWEEN 206000 galls AND 231000 galls IS BELIEVED TO HAVE LEAKED INTO MISSOURI RIVER.
 RA: 2
 ID: 19990510
 IY: 1999
 QR: 786

7) AN: 9712
 ME: N
 CR: AEA
 DA: 17/04/1999
 LO: VIETNAM; HO CHI MINH CITY
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; SHIP
 GC: IMPACT impact-failure
 SC: SHIP/SHIP ship-to-ship-collision,-also-barges
 QY: 99.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: ENVIRMNT Environmental impact of the incident (natural environment)
 AB: 2 TANKERS, BOTH CARRYING DIESEL COLLIDED. 110m3 OF DIESEL LEAKED THROUGH A 1.3m GASH IN THE SIDE OF ONE OF THE TANKERS AND WAS SPILT INTO THE NHA BE RIVER. STRONG CURRENTS QUICKLY SPREAD THE OIL. LAND AND MANGROVE FORESTS IN THE AREA HAVE BEEN AFFECTED.

RA: 2
 ID: 19990417
 IY: 1999
 QR: 99

8) AN: 9684
 ME: N
 CR: AEA
 DA: 29/03/1999
 PD: U urban
 LO: UK; WEST YORKSHIRE; LEEDS
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: STORAGE storage-; TANKCONTNR tank-container
 GC: HUMAN human-factor; MECHANICAL mechanical-failure
 SC: OVERFILL overfilling; VALVE leaking-or-passing-valve
 QY: 16.20
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; ENVIRMNT Environmental impact of the incident (natural environment); PHOTO Hard copy contains photograph(s); ENQUIRY Investigations, public enquiries, etc., into the incident; RESPONSE Emergency response to the incident
 AB: A DELIVERY OF HEATING OIL WAS PUT IN AN ALREADY FULL TANK. THE OVERFLOW VALVE ON THE TANK WAS ALSO FAULTY. THE BUND OVERFLOWED AND 18000 GALLONS OF RED DIESEL WENT INTO A NEARBY BECK. PROTECTED CRAY FISH LIVE IN THE TANK. ALL LARVAE KILLED.
 RA: 9
 ID: 19990329

IY: 1999
 QR: 16

 9) AN: 9672
 ME: N
 CR: AEA
 DA: 22/03/1999
 PD: R rural
 LO: UK; CUMBRIA; GREYSTOKE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: DOM/COM domestic-or-commercial;
 COMMTANK small-commercial-tank
 GC: EXTERNAL external-events
 SC: EXTNLFIRE fire
 AB: AN ELECTRICAL FAULT CAUSED A
 BARN TO CATCH FIRE AT A FARM. THE FIRE
 WAS MADE MORE DANGEROUS BY THE
 PRESENCE OF A 100 GALLON DIESEL TANK,
 WHICH WAS LEAKING.
 RA: 1
 ID: 19990322
 IY: 1999

 10) AN: 9638
 ME: N
 CR: AEA
 DA: 26/02/1999
 PD: R rural
 LO: UK; HAMPSHIRE; HEDGE END
 MN: PETROL
 MH: FI fire
 MC: 1270
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 GC: HUMAN human-factor
 SC: GENERALOP general-operational
 QY: <14.00

 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: COMPANY Firm or company involved;
 TIMING Timing of the incident, time of day, shift,
 handover, lunch break, etc.; PHOTO Hard copy
 contains photograph(s); ENVIRMNT Environmental
 impact of the incident (natural environment);
 ENQUIRY Investigations, public enquiries, etc., into
 the incident
 AB: A PETROL TANKER OVERTURNED
 AT A ROUNDABOUT AND SPILT A LARGE
 AMOUNT OF PETROL AND DIESEL FUEL.
 NEARBY RIVERS AND STREAMS WERE
 CONTAMINATED. FOAM USED TO COVER
 THE PETROL ALSO CONTAMINATED THE
 STREAM, BLOCKING OFF OXYGEN SUPPLY
 TO FISH.
 RA: 8
 ID: 19990226
 IY: 1999
 QR: 13

 11) AN: 9614
 ME: N
 CR: AEA
 DA: 15/02/1999
 PD: R rural
 LO: UK; NORTH YORKSHIRE; GOOLE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 NP: Killed: --; Injured: 0; Evacuated: --
 GC: EXTERNAL external-events
 SC: EXTNLFIRE fire
 KW: COMPANY Firm or company involved;
 TIMING Timing of the incident, time of day, shift,
 handover, lunch break, etc.; DURATION Duration of
 the incident; PHOTO Hard copy contains

 photograph(s); RESPONSE Emergency response to
 the incident
 AB: A BURST, OVERHEATED TYRE IS
 THOUGHT TO HAVE SET FIRE TO A TANKER
 CARRYING 5000 GALLONS OF DIESEL. NO
 ONE WAS INJURED IN THE FOUR HOUR
 BLAZE. FORTY FIREFIGHTERS SPRAYED
 100000 litres FOAM ONTO THE BLAZING
 WRECKAGE.
 RA: 1
 ID: 19990215
 IY: 1999
 IR: 0

 12) AN: 9604
 ME: N
 CR: AEA
 DA: 10/02/1999
 LO: USA; TENNESSEE; KNOXVILLE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 NP: Killed: --; Injured: 0; Evacuated: >0.01 x
 10E3
 QY: 288.00
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: COMPANY Firm or company involved;
 TIMING Timing of the incident, time of day, shift,
 handover, lunch break, etc.
 AB: A PIPELINE CARRYING HIGH
 SULPHUR DIESEL RUPTURED SENDING
 FUEL SPEWING 30ft INTO THE AIR. THE
 FUEL WENT INTO THE TENNESSEE RIVER.
 10 HOMES WERE CONDEMNED. VACUUM
 TRUCKS AND FLOATING BOOMS WERE
 USED TO CONTAIN THE FUEL ON THE
 RIVER.
 RA: 4

ID: 19990210
 IY: 1999
 IR: 0
 ER: 11
 QR: 288

13) AN: 9582
 ME: B; Y
 CR: AEA
 DA: 01/02/1999
 LO: RUSSIA; BERING SEA; LITKAE
 PASSAGE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; SHIP
 GC: EXTERNAL external-events
 SC: TEMPERATURE temperature-extremes
 AB: A SHIP CARRYING 150 TONS OF
 GASOLINE AND 100 TONS OF DIESEL TO
 FISHERY SETTLEMENTS HAD ITS RUDDER
 DAMAGED BY AN ICE FIELD DRIVEN BY A
 STORM. THE SHIP COULD NOT MOVE
 UNDER ITS OWN POWER AND THE OWNER
 COULD NOT AFFORD TO HIRE AN ICE
 BREAKER.
 RA: 1
 ID: 19990201
 IY: 1999

14) AN: 9579
 ME: N
 CR: AEA
 DA: 30/01/1999
 LO: USA; FLORIDA; MIAMI
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; SHIP
 GC: IMPACT impact-failure

SC: SHIP/SHIP ship-to-ship-collision,-also-
 barges
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: TIMING Timing of the incident, time of
 day, shift, handover, lunch break, etc.
 AB: 2 SHIPS COLLIDED. ONE CARRYING
 22000 BARRELS OF HIGH SULPHUR DIESEL.
 BOTH SHIPS SUSTAINED DAMAGE ABOUT
 30ft FROM THE WATERLINE. NO MENTION
 OF ANY SPILL.
 RA: 1
 ID: 19990130
 IY: 1999

15) AN: 9577
 ME: B; Y
 CR: AEA
 DA: 28/01/1999
 LO: EGYPT; CAIRO; ZAHRA EL-MAADI
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release; FIRE fire-
 OG: TRANSPORT transport-; PIPELINE
 NP: Killed: --; Injured: 3; Evacuated: --
 GC: IMPACT impact-failure
 SC: EXCAVEQUIP excavating-equipment
 QY: <700.00
 AB: A PIPELINE CAUGHT FIRE WHEN IT
 WAS ACCIDENTALLY RUPTURED BY A
 BULLDOZER. 700t OF FUEL OIL AND DIESEL
 WERE LOST AS A RESULT. 3 PEOPLE WERE
 INJURED.
 RA: 1
 ID: 19990128
 IY: 1999
 IR: 3
 QR: 699

16) AN: 9556
 ME: N
 CR: AEA
 DA: 12/01/1999
 LO: USA; LOUISIANA; HOUMA
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; BARGE
 GC: IMPACT impact-failure
 SC: SHIP/SHIP ship-to-ship-collision,-also-
 barges
 QY: 174.00
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: TIMING Timing of the incident, time of
 day, shift, handover, lunch break, etc.
 AB: A BARGE AND AN OFFSHORE
 SUPPLY VESSEL COLLIDED. THE BARGE
 SUSTAINED DAMAGE RESULTING IN A SPILL
 OF APPROXIMATELY 51000 GALLONS OF
 DIESEL FUEL. CLEAN UP OPERATIONS ARE
 IN HAND.
 RA: 1
 ID: 19990112
 IY: 1999
 QR: 174

17) AN: 9526
 ME: A-; Y
 CR: AEA
 DA: 23/12/1998
 LO: CANADA; GASPE BAY
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; SHIP
 GC: IMPACT impact-failure
 SC: SHIP/LAND ship-to-land-collision,-also-
 barges

IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A TANKER CARRYING DIESEL AND GASOLINE GROUNDED IN A HARBOUR. NO SPILL OCCURRED. SOME CARGO WAS REMOVED TO REFLOAT THE SHIP.
 RA: 1
 ID: 19981223
 IY: 1998

18) AN: 9494
 ME: N
 CR: AEA
 DA: 29/11/1998
 LO: ESTONIA; MIIDURANNA
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSFER loading,-unloading; SHIP
 GC: HUMAN human-factor
 SC: OVERFILL overfilling
 QY: 2.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: CREW FAILED TO NOTICE THAT A SHIPS TANKS WERE FULL WHEN THEY WERE LOADING THE SHIP WITH DIESEL. ABOUT 2 TONNES OF OIL OVERFLOWED FROM THE TANKS. THE VESSELS OPERATORS WERE FINED.
 RA: 2
 ID: 19981129
 IY: 1998
 QR: 2

19) AN: 9485
 ME: N
 CR: AEA
 DA: 17/11/1998

PD: U urban
 LO: UK; NORTH YORKSHIRE; YORK
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 QY: 4.50
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: UNDERGROUND PIPELINE FOUND TO BE LEAKING (DUE TO CHEMICAL REACTION IN CORRODED PIPE) WHEN MEMBER OF PUBLIC SPOTTED SLICK ON RIVER OUSE. THOUGH <7000L SPILLED IN TOTAL 1000L ESCAPED INTO RIVER VIA STORM DRAIN. £12,000 FINE AND £300,000 CLEAN-UP COSTS.
 RA: 2
 ID: 19981117
 IY: 1998
 QR: 4

20) AN: 9461
 ME: N
 CR: AEA
 DA: 06/11/1998
 LO: UK; LANARKSHIRE; LAW
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: FIRE fire-
 OG: STORAGE storage-; PACKAGE portable-transport-containers
 NP: Killed: --; Injured: 3; Evacuated: --
 GC: EXTERNAL external-events
 SC: EXTNLFIRE fire
 IS: FLAME naked-flames
 KW: INJURIES Types of, or causes of or degree of injuries

AB: 3 PEOPLE WERE INJURED AFTER A DRUM, THOUGHT TO CONTAIN DIESEL, EXPLODED AFTER BEING TOO CLOSE TO A BONFIRE. ONE BOY SUFFERED 95% BURNS, A MAN BURNT HIS HANDS AFTER TRYING TO EXTINGUISH THE BOY. A SECOND BOY HAD MINOR BURNS ON HIS LEGS.
 RA: 1
 ID: 19981106
 IY: 1998
 IR: 3

21) AN: 9457
 ME: N
 CR: AEA
 DA: 03/11/1998
 PD: R rural
 LO: UK; DERBYSHIRE; MELBOURNE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release; POOL pool-of-liquid-formed
 OG: STORAGE storage-; PIPEWORK
 GC: HUMAN human-factor
 SC: SABOTAGE sabotage-or-vandalism
 QY: >3.60
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved; ENVIRMNT Environmental impact of the incident (natural environment)
 AB: THIEVES CUT A FUEL PIPE AT A TRANSPORT COMPANY IN AN ATTEMPT TO STEAL FUEL. 4500 LITRES WAS STOLEN AND AT LEAST 4000 LITRES WENT INTO A NEARBY BROOK WHICH FED A LAKE. THE OIL IN THE LAKE HAS CAUSED INJURY TO MANY BIRDS AND FISH.
 RA: 2
 ID: 19981103

IY: 1998
 QR: 4

 22) AN: 9451
 ME: N
 CR: AEA
 DA: 29/10/1998
 LO: UK; MID GLAMORGAN; PENCOED
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release; POOL
 pool-of-liquid-formed
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 NP: Killed: --; Injured: 0; Evacuated: --
 GC: IMPACT impact-failure
 SC: VEHICLE other-vehicle
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: COMPANY Firm or company involved;
 TIMING Timing of the incident, time of day, shift,
 handover, lunch break, etc.; DURATION Duration of
 the incident
 AB: A DIESEL TANKER AND A GAS
 TANKER COLLIDED ON THE M4 SPILLING
 HUNDREDS OF GALLONS OF DIESEL. THE
 MOTORWAY WAS BLOCKED FOR MORE
 THAN 6 HOURS. FIREFIGHTERS
 UNDERTOOK A HUGE MOPPING UP
 OPERATION. BOTH DRIVERS WERE
 UNINJURED.
 RA: 1
 ID: 19981029
 IY: 1998
 IR: 0

 23) AN: 9450
 ME: N
 CR: AEA
 DA: 29/10/1998

LO: ST KITTS; BASSETERRE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSFER loading,-unloading;
 PIPELINE
 GC: HUMAN human-factor
 SC: CONNECTING failure-to-connect-or-
 disconnect
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: MAP Hard copy contains map;
 COMPANY Firm or company involved;
 DURATION Duration of the incident
 AB: DIESEL WAS BEING PUMPED FROM
 A SHIP TO A STORAGE TANKER WHEN THE
 PIPELINE DISCONNECTED AND PUMPED
 DIESEL INTO THE HARBOUR FOR AN
 ESTIMATED 15 MINUTES. LOCAL
 FISHERMEN FEAR THAT THE FISH THEY USE
 AS BAIT HAVE BEEN AFFECTED. CLEAN-UP
 IS IN PROGRESS.
 RA: 3
 ID: 19981029
 IY: 1998

 24) AN: 9416
 ME: N
 CR: AEA
 DA: 15/10/1998
 LO: UK; HAMPSHIRE; SOUTHAMPTON
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 GC: IMPACT impact-failure
 QY: 0.14

IS: NONIGNITE non-ignition-of-flammable-
 materials
 AB: A PROP SHAFT ON A TANKER
 CARRYING DIESEL BROKE AND
 PUNCTURED THE TANK.
 RA: 1
 ID: 19981015
 IY: 1998
 QR: 0

 25) AN: 9335
 ME: N
 CR: AEA
 DA: 21/08/1998
 LO: RUSSIA; MOSCOW
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: FIRE fire-
 OG: STORAGE storage-; ASVESSEL storage-
 vessels,-atmospheric-pressure
 AB: A FIRE OCCURRED IN A 1500m3
 DIESEL FUEL STORAGE TANK. THE FIRE
 WAS ISOLATED AND THE PLANT REMAINED
 OPERATIONAL. THE CAUSE IS BEING
 INVESTIGATED.
 RA: 1
 ID: 19980821
 IY: 1998

 26) AN: 9324
 ME: N
 CR: AEA
 DA: 14/08/1998
 LO: USA; ALASKA; YUKON RIVER
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; BARGE
 GC: IMPACT impact-failure

SC: SHIP/LAND ship-to-land-collision,-also-barges
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A BARGE CARRYING 550m3 DIESEL FUEL RAN AGROUND IN THE YUKON RIVER, NEAR TANANA. NO MATERIAL WAS RELEASED. THE BARGE WAS LIGHTERED AND THE BARGE REFLOATED.
 RA: 2
 ID: 19980814
 IY: 1998

27) AN: 9227
 ME: N
 CR: AEA
 DA: 17/07/1998
 LO: UK; CORNWALL; TAMAR BRIDGE
 MN: DIESEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release; POOL pool-of-liquid-formed
 OG: TRANSPORT transport-; ROADTANKER road-tanker
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A TANKER LEFT A TRAIL OF AROUND 2 MILES OF DIESEL FUEL ALONG THE A38 AND ACROSS THE TAMAR BRIDGE. A SECOND SPILLAGE WAS ALSO REPORTED ON THE A390, POSSIBLY LINKED. THE TANKER HAS NOT BEEN TRACED. GRIT WAS PUT DOWN AND THE BRIDGE HOSED. RAIN HELD OFF.
 RA: 1
 ID: 19980717
 IY: 1998

28) AN: 9221

ME: N
 CR: AEA
 DA: 09/07/1998
 LO: UK; DEVON; CULLOMPTON
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; ROADTANKER road-tanker
 NP: Killed: --; Injured: 0; Evacuated: --
 GC: IMPACT impact-failure
 SC: ROADACC road-accident,-no-other-vehicle
 QY: 0.30
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
 AB: A DIESEL TANKER AND A BMW COLLIDED ON THE M5 BETWEEN JUNCTIONS 28 AND 29. NO ONE WAS INJURED BUT THE COLLISION CAUSED THE TANK TO RUPTURE. THE ENVIRONMENT AGENCY AND FIRE CREWS WERE CALLED IN TO DEAL WITH THE SPILL. SAND WAS USED TO SOAK UP FUEL.
 RA: 1
 ID: 19980709
 IY: 1998
 IR: 0
 QR: 0

29a) AN: 9207
 ME: B; Y
 CR: AEA
 DA: 26/06/1998
 LO: USA; NEW YORK; PORT KENT
 MN: WHISKY
 MH: FI fire
 MC: 1170

IT: RELEASE release-
 OG: TRANSPORT transport-; RAILTANKER rail-tanker
 GC: EXTERNAL external-events; IMPACT impact-failure
 SC: RAILACC rail-accident,-no-other-vehicle
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A FREIGHT TRAIN JUMPED TRACK AT A TRESTLE WEAKENED BY HEAVY RAIN. 16 CARS SPILT THEIR CARGO INCLUDING 220 CUBIC METRES OF WHISKEY AND 11 CUBIC METRES OF DIESEL FUEL. NEARBY LAKE CHAMPLAIN WAS THREATENED.
 RA: 1
 ID: 19980626
 IY: 1998

29b) AN: 9207
 ME: A-; Y
 CR: AEA
 DA: 26/06/1998
 LO: USA; NEW YORK; PORT KENT
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: RELEASE release-
 OG: TRANSPORT transport-; RAILTANKER rail-tanker
 GC: EXTERNAL external-events; IMPACT impact-failure
 SC: RAILACC rail-accident,-no-other-vehicle
 QY: 9.90
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A FREIGHT TRAIN JUMPED TRACK AT A TRESTLE WEAKENED BY HEAVY RAIN. 16 CARS SPILT THEIR CARGO INCLUDING 220 CUBIC METRES OF WHISKEY AND 11 CUBIC METRES OF DIESEL FUEL. NEARBY LAKE CHAMPLAIN WAS THREATENED.

RA: 1
 ID: 19980626
 IY: 1998
 QR: 9

30) AN: 9206
 ME: N
 CR: AEA
 DA: 26/06/1998
 LO: USA; ILLINOIS; NIOTA
 MN: PAINT
 MH: FI fire
 MC: 1263
 IT: FIRE fire-
 OG: TRANSPORT transport-; RAILTANKER rail-tanker
 NP: Killed: --; Injured: 0; Evacuated: 0.06 x 10E3
 GC: IMPACT impact-failure
 SC: RAILACC rail-accident,-no-other-vehicle
 QY: 1.80
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; RESPONSE Emergency response to the incident
 AB: A TRAIN CARRYING DIESEL FUEL STRUCK AN IDLING TRAIN RESULTING IN A SPILL OF 500 GALLONS/2000 LITRES OF DIESEL FUEL. THE FUEL CAUGHT FIRE AS DID SOME OF THE PAINT PRODUCTS IN THE SECOND TRAIN. AROUND 60 RESIDENTS WERE EVACUATED. 5 CARS WERE DERAILED.
 RA: 2
 ID: 19980626
 IY: 1998
 IR: 0
 ER: 60
 QR: 1

31) AN: 9203

ME: N
 CR: AEA
 DA: 24/06/1998
 LO: USA; ALASKA; ST LAWRENCE ISLAND
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; SHIP
 GC: IMPACT impact-failure
 SC: HVYOBJECT heavy-object
 QY: 1.53
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: A FUEL BARGE HIT A SUBMERGED OBJECT WHILST BEING PUSHED IN FOR LANDING AT SAVOONGA BEACH. THE CARGO TANK WAS DAMAGED AND 1700 LITRES OF DIESEL SPILT AND WAS IMMEDIATELY CLEANED UP.
 RA: 2
 ID: 19980624
 IY: 1998
 QR: 1

32) AN: 9192
 ME: N
 CR: AEA
 DA: 13/06/1998
 LO: USA; MICHIGAN; ESCANABA
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSFER loading,-unloading; SHIP
 QY: 2.07
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: 2300 LITRES OF DIESEL FUEL WAS SPILT WHILST A SHIP WAS TAKING ON

BUNKERS. THE US COAST GUARD SET UP A CONTAINMENT BOOM WHICH CONTAINED THE LEAK.
 RA: 1
 ID: 19980613
 IY: 1998
 QR: 2

33) AN: 9147
 ME: N
 CR: AEA
 DA: 08/06/1998
 LO: VENEZUELA; CARENERO BAY
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSFER loading,-unloading; HOSE
 QY: 1000.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved; AREA Size of the area affected; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; ENQUIRY Investigations, public enquiries, etc., into the incident
 AB: A HOSE CONNECTING A DELIVERY BUOY TO A TANKER WAS CUT, POSSIBLY BY PROPELLER BLADES. APPROXIMATELY 1000 TONNES OF DIESEL WAS SPILT DURING THE 20 MINUTE RELEASE. A SLICK SEVERAL KILOMETRES LONG FORMED. 2 MANAGERS WERE ARRESTED.
 RA: 5
 ID: 19980608
 IY: 1998
 QR: 1000

34) AN: 9132
 ME: N

CR: AEA
 DA: 24/05/1998
 LO: USA; YAZOO HARBOUR
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: FIRE fire-
 OG: TRANSPORT transport-; SHIP
 NP: Killed: --; Injured: 0; Evacuated: --
 AB: A TUG CARRYING 11000 GALLONS OF DIESEL FUEL CAUGHT FIRE. THERE WERE NO INJURIES OR BLOCKAGE TO EITHER RIVER. CLEANUP CONTRACTORS REMOVED ALL DIESEL, LUBE OIL AND RESIDUAL OIL.
 RA: 1
 ID: 19980524
 IY: 1998
 IR: 0

 35) AN: 9083
 ME: N
 CR: AEA
 DA: 10/04/1998
 LO: USA; FLORIDA; DUCK KEY
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; ROADTANKER road-tanker
 GC: IMPACT impact-failure
 SC: VEHICLE other-vehicle
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; DURATION Duration of the incident
 AB: A CAR PULLED INTO ONCOMING TRAFFIC ON A MAJOR ROAD AND COLLIDED WITH A DIESEL FUEL TANK TRUCK. CAR DRIVER KILLED INSTANTLY AND TRUCK DRIVER FLOWN TO HOSPITAL. ROAD CLOSED FOR AT LEAST 7 HOURS.

DIESEL PUMPED OUT OF TANKER WHICH WAS TOWED AWAY.
 RA: 1
 ID: 19980410
 IY: 1998

 36) AN: 9066
 ME: N
 CR: AEA
 DA: 24/04/1998
 PD: U urban
 LO: UK; HUMBERSIDE; HULL
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: RELEASE release-; POOL pool-of-liquid-formed
 OG: TRANSPORT transport-; ROADTANKER road-tanker
 GC: IMPACT impact-failure
 SC: VEHICLE other-vehicle
 QY: 0.90
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
 AB: A FUEL TANKER AND A LORRY COLLIDED. ABOUT 1000 LITRES OF THE 5000 LITRE LOAD LEAKED ONTO THE ROAD. FIREFIGHTERS USED SAND AND ABSORBENT GRANULES TO STOP THE SPREAD OF THE FUEL AND BLOCK DRAINS. TANKER DRIVER HAD MINOR INJURIES.
 RA: 1
 ID: 19980424
 IY: 1998
 QR: 0

37a) AN: 9003
 ME: B; Y
 CR: AEA
 DA: 16/03/1998
 LO: USA; WASHINGTON; TACOMA
 MN: BUNKER OIL
 MH: FI fire
 MC: 1267
 IT: CONTREL continuous-release
 OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
 GC: HUMAN human-factor
 SC: ISOLUNCOUP failure-to-isolate-or-drain-before-uncoupling; OVERFILL overfilling
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: FACTORS Aggravating or mitigating factors; COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: 55,000 GALLONS OF A MIXTURE OF DIESEL FUEL AND BUNKER OIL WERE SPILLED AT A MARINE TERMINAL. A WORKER HAD LEFT OPEN A Crossover VALVE DURING BLENDING CAUSING BUNKER FUEL TO FLOW BACK INTO A DIESEL TANK AND OVERTOP IT. OIL CONTAINED BY DYKE.
 RA: 2
 ID: 19980316
 IY: 1998

 37b) AN: 9003
 ME: A-; Y
 CR: AEA
 DA: 16/03/1998
 LO: USA; WASHINGTON; TACOMA
 MN: DIESEL FUEL
 MH: FI fire

MC: 1223
IT: CONTREL continuous-release
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
GC: HUMAN human-factor
SC: ISOLUNCROUP failure-to-isolate-or-drain-before-uncoupling; OVERFILL overfilling
IS: NONIGNITE non-ignition-of-flammable-materials
KW: FACTORS Aggravating or mitigating factors; COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: 55,000 GALLONS OF A MIXTURE OF DIESEL FUEL AND BUNKER OIL WERE SPILLED AT A MARINE TERMINAL. A WORKER HAD LEFT OPEN A CROSSOVER VALVE DURING BLENDING CAUSING BUNKER FUEL TO FLOW BACK INTO A DIESEL TANK AND OVERTOP IT. OIL CONTAINED BY DYKE.
RA: 2
ID: 19980316
IY: 1998

38) AN: 8934
ME: N
CR: AEA
DA: 16/01/1998
PD: U urban
LO: UK; NORTH YORKSHIRE; YORK
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
GC: EXTERNAL external-events
SC: SABOTAGE sabotage-or-vandalism
QY: >0.90

IS: NONIGNITE non-ignition-of-flammable-materials
KW: COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
AB: AT LEAST 1000 LITRES DIESEL SPILLED FROM A STORAGE TANK. BURGLARS BROKE OPEN THE LOCK ON THE HOSE. THEY WERE DISTURBED LEAVING THE DIESEL TO POUR INTO A DRAIN AND INTO THE RIVER. BOOMS AND ABSORBENT PADS WERE USED TO CONTAIN AND CLEAR UP SPILL.
RA: 2
ID: 19980116
IY: 1998
QR: 1

39) AN: 8857
ME: B; Y
CR: AEA
DA: 28/11/1997
LO: UK; TAYSIDE; BRACO
MN: DIESEL FUEL
MH: FI fire
MC: 1223
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: --; Injured: --; Evacuated: >0.001 x 10E3
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
AB: A ROADTANKER CARRYING 12.5 THOUSAND LITRES OF PETROL AND 6500 LITRES DIESEL OVERTURNED AND LANDED ON ITS ROOF AFTER COLLIDING WITH A VAN. FIREFIGHTERS LAID DOWN A FOAM BLANKET. NO REPORTS OF FUEL SPILLAGE.

RA: 1
ID: 19971128
IY: 1997
ER: 2
40) AN: 8844
ME: N
CR: AEA
DA: 18/11/1997
LO: USA; CONNECTICUT; HIGGANUM
MN: DIESEL FUEL
MH: FI fire
MC: 1223
OG: TRANSPORT transport-; BARGE
GC: IMPACT impact-failure
SC: SHIP/LAND ship-to-land-collision,-also-barges
AB: TANK BARGE CARRYING 714000 GALLONS DIESEL FUEL RAN AGROUND. THERE WAS NO VISIBLE DAMAGE AND NO RELEASE OF CARGO.
RA: 1
ID: 19971118
IY: 1997
41) AN: 8801
ME: N
CR: AEA
DA: 29/10/1997
LO: USA; TEXAS; NAVASOTA
MN: CHEMICALS
MC: 9999
OG: TRANSPORT transport-; RAILTANKER rail-tanker
GC: IMPACT impact-failure; HUMAN human-factor
SC: RAILACC rail-accident,-no-other-vehicle; PROCEDURES
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.

AB: TRAIN CARRYING CHEMICALS
COLLIDED WITH A TRAIN CARRYING
GRAVEL. ELEVEN CARS AND TWO
LOCOMOTIVES DERAILED. DIESEL FUEL
LEAKING FROM ONE LOCOMOTIVE
CAUGHT FIRE BUT WAS QUICKLY
EXTINGUISHED. ACCIDENT OCCURRED
WHEN ONE TRAIN RAN THROUGH A RED
SIGNAL.

RA: 2
ID: 19971029
IY: 1997

42) AN: 8799
ME: A-; Y
CR: AEA
DA: 28/10/1997
LO: GREECE; PATRAS
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; SHIP
NP: Killed: --; Injured: 0; Evacuated: --
GC: IMPACT impact-failure; EXTERNAL

external-events

SC: SHIP/LAND ship-to-land-collision,-also-
barges; HIGHWINDS high-winds
IS: NONIGNITE non-ignition-of-flammable-
materials
KW: WEATHER Weather conditions at the time
of, or during, the incident
AB: SHIP CONTAINING GASOLINE AND
DIESEL RAN AGROUND. ATTEMPTS TO
REFLOAT WERE HAMPERED BY BAD
WEATHER. SMALL SPILLAGE OF GAS OIL
WAS REPORTED BUT THIS HAD MOSTLY
EVAPORATED. VESSEL REFLOATED IN
DECEMBER-TWO MONTHS LATER.
RA: 4
ID: 19971028

IY: 1997
IR: 0

43) AN: 8711
ME: A-; Y
CR: AEA
DA: 08/09/1997
LO: FRANCE; DORDOGNE; SAINTE-
ANTOINE DE BR

MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: TRANSPORT transport-;

ROADTANKER road-tanker
NP: Killed: 13; Injured: >40; Evacuated: --
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
KW: TIMING Timing of the incident, time of
day, shift, handover, lunch break, etc.; KNOCK-ON
Describes any knock-on or domino type effects
caused

AB: 13 KILLED & >40 INJURED WHEN
PASSENGER TRAIN COLLIDED WITH FULLY
LADEN FUEL TANKER (WITH 30000L PETROL
& DIESEL) AT RAILWAY CROSSING IN
SAINTE-ANTOINE DE BREUILH. TRAIN
DRAGGED TANKER 250M BEFORE IT BURST
INTO FLAMES ENGULFING THE ENGINE
AND 2 CARRIAGES.

RA: 2
ID: 19970908
IY: 1997
KR: 13
IR: 41

44) AN: 8637
ME: N
CR: AEA
DA: 05/08/1997

LO: UK; CORNWALL; SALTASH
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
QY: <20.00
IS: NONIGNITE non-ignition-of-flammable-
materials

KW: TIMING Timing of the incident, time of
day, shift, handover, lunch break, etc.; KNOCK-ON
Describes any knock-on or domino type effects
caused

AB: A ROAD TANKER LEAKING MARINE
DIESEL SHED ITS LOAD ALONG SEVERAL
MILES. POLICE OFFICERS SPREAD SAND
ONTO THE SPILL AND PREVENTED IT FROM
WASHING INTO THE NEARBY RIVER.
SEVERAL CARS CRASHED AS THEY
SLITHERED ON THE OIL ON AN INCLINE.

RA: 1
ID: 19970805
IY: 1997
QR: 19

45) AN: 8101
ME: N
CR: AEA
DA: 16/07/1996
LO: UK; WEST MIDLANDS;
WOLVERHAMPTON
MN: DIESEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: DOM/COM domestic-or-commercial
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 0.45

IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; DURATION Duration of the incident; RESPONSE Emergency response to the incident
 AB: 500l DIESEL FUEL SPILLED INTO DRAINS AFTER CAR CRASHED INTO FUEL PUMP AT SERVICE STATION. FIREMEN USED AN ABSORBENT POWDER TO SOAK UP DIESEL & WORKERS FROM WATER COMPANY WERE CALLED TO FLUSH DIESEL FUEL FROM DRAINS.
 RA: 1
 ID: 19960716
 IY: 1996
 QR: 0

46) AN: 8099
 ME: N
 CR: AEA
 DA: 14/07/1996
 LO: CHINA; GUANGXI PROVINCE; LIUZHOU
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: EXPLODE explosion-; FIRE fire-
 OG: TRANSPORT transport-; SHIP
 NP: Killed: 1; Injured: >1; Evacuated: --
 KW: COMPANY Firm or company involved; DURATION Duration of the incident; INJURIES Types of, or causes of or degree of injuries
 AB: 2 REFUELLING VESSELS CARRYING 5t DIESEL FUEL EXPLODED & WERE COMPLETELY DESTROYED. 1 CREW MEMBER SUFFERED SERIOUS BURNS TO 90% OF BODY & DIED. DRASTIC TEMPERATURE DIFFERENCE & ADDITIVES IN FUEL LED TO CHEMICAL REACTION. EXACT NUMBER OF INJURIES NOT KNOWN

RA: 1
 ID: 19960714
 IY: 1996
 KR: 1
 IR: 2

47) AN: 8096
 ME: N
 CR: AEA
 DA: 16/07/1997
 LO: RUSSIA; PERM REGION; RIVER IK
 MN: DIESEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: DOM/COM domestic-or-commercial; PUMP pumps,-compressors
 GC: HUMAN human-factor
 SC: GENERALOP general-operational
 QY: 4.50
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: 5000litres DIESEL FUEL Poured INTO RIVER IK WHEN A PUMP AT A COLLECTIVE FARM'S FUEL & LUBRICANTS STORAGE DEPOT WAS ACCIDENTALLY SWITCHED ON. THE FUEL Poured INTO THE RIVER FOR SEVERAL HOURS.
 RA: 1
 ID: 19970716
 IY: 1997
 QR: 4

48) AN: 8093
 ME: N
 CR: AEA
 DA: 01/07/1996
 LO: SOUTH KOREA; OFF WEST COAST
 MN: GASOLINE
 MH: FI fire

MC: 1270
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; SHIP
 GC: IMPACT impact-failure
 SC: SHIP/SHIP ship-to-ship-collision,-also-barges
 QY: 275.60
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: AFTER After effects such as clear up, survival of injured, etc.; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: VESSEL CARRYING SCRAP SANK OFF SOUTH KOREA AFTER COLLISION WITH A CHEMICAL TANKER CARRYING 830kl GASOLINE & 4000kl DIESEL / FUEL OIL COMBINED IN HEAVY FOG. VESSELS TURNED SAME WAY WHEN CHANGING COURSE TO AVOID EACH OTHER. 104,000gall SPILL REPORTED.
 RA: 1
 ID: 19960701
 IY: 1996
 QR: 275

49) AN: 8077
 ME: N
 CR: AEA
 DA: 27/06/1996
 LO: USA; SOUTH CAROLINA; SIMPSONVILLE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 QY: 3407.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; COMPANY

Firm or company involved; AFTER After effects such as clear up, survival of injured, etc.; ENVIRMNT Environmental impact of the incident (natural environment)
AB: PRESSURE DROP NOTICED IN 36" PIPELINE STATION - CONFIRMED 1million galls DIESEL FUEL SPILLED FROM SPLIT IN TOP OF PIPE BENEATH RIVER. OFFICE OF PIPELINE SAFETY DEEMED PIPELINE HAZARDOUS TO LIFE & PROPERTY & ORDERED COMPANY TO INSPECT 600miles PIPELINE.
RA: 4
ID: 19960627
IY: 1996
QR: 3407

50a) AN: 7714
ME: B; Y
CR: AEA
DA: 26/10/1995
LO: USA; COLORADO; LOVELAND PASS
MN: DIESEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
GC: EXTERNAL external-events; IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 15.70
IS: NONIGNITE non-ignition-of-flammable-materials
AB: TANK TRUCK WENT OFF HIGHWAY IN BLIZZARD AND LEAKED ABOUT 4,600 GALLS DIESEL FUEL AND 1200 GALLS GASOLINE. DRIVER HAD MINOR INJURIES.
RA: 1
ID: 19951026
IY: 1995

QR: 15
50b) AN: 7714
ME: A-; Y
CR: AEA
DA: 26/10/1995
LO: USA; COLORADO; LOVELAND PASS
MN: GASOLINE
MH: FI fire
MC: 1270
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
GC: EXTERNAL external-events; IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 3.20
IS: NONIGNITE non-ignition-of-flammable-materials
AB: TANK TRUCK WENT OFF HIGHWAY IN BLIZZARD AND LEAKED ABOUT 4,600 GALLS DIESEL FUEL AND 1200 GALLS GASOLINE. DRIVER HAD MINOR INJURIES.
RA: 1
ID: 19951026
IY: 1995
QR: 3

51) AN: 7619
ME: N
CR: AEA
DA: 13/08/1995
LO: USA; INDIANA; MITCHELL
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release; FIRE fire-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
GC: IMPACT impact-failure

SC: VEHICLE other-vehicle
QY: >27.30
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: ABOUT 8000GALLS DIESEL FUEL LEAKED WHEN TRAINS CRASHED AT RAIL ROAD INTERSECTION. 5000GALLS OIL RECOVERED, REMAINDER BURNED AND SEEPED INTO GROUND OR SPILLED INTO STORM DRAINS LEADING TO NEARBY CREEK.
RA: 1
ID: 19950813
IY: 1995
QR: 28

52) AN: 7610
ME: N
CR: AEA
DA: 06/08/1995
LO: CANADA; OKAK BAY
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-; SHIP
GC: IMPACT impact-failure
SC: SHIP/LAND ship-to-land-collision,-also-barges
IS: NONIGNITE non-ignition-of-flammable-materials
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: TANKER GROUNDED WHILE ENTERING OKAK BAY HARBOUR STRIKING ROCK OR LEDGE. MAY HAVE BEEN SOME IMMEDIATE SPILLAGE OF CARGO OF 875TE DIESEL FUEL. DECK CARGO REMOVED BY HELICOPTER.
RA: 1
ID: 19950806

IY: 1995	SC: ROADACC road-accident,-no-other-vehicle	56) AN: 7321
	QY: 0.91	ME: N
53) AN: 7576	KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.	CR: AEA
ME: N	AB: 2000lbs OF 18,000lbs GRANULAR	DA: 23/01/1994
CR: AEA	AMMONIUM NITRATE SPILLED FROM	LO: USA; FLORIDA; ST. CLOUD
DA: 13/07/1995	EXPLOSIVES DELIVERY TRUCK THAT	MN: DIESEL
LO: USA; TEXAS; DEER PARK	OVERTURNED. TRUCK ALSO CARRIED	MH: FI fire
MN: CRUDE OIL	ABOUT 200lbs OF GEL-LIKE EMULSION	MC: 1223
MH: FI fire	MIXTURE OF AMMONIUM NITRATE, DIESEL	IT: CONTREL continuous-release
MC: 1267	FUEL & WATER. TRUCK ALSO CARRYING 160	OG: DOM/COM domestic-or-commercial
IT: FIRE fire-	STICKS DYNAMITE.	GC: HUMAN human-factor
OG: PROCESS process-; PVESSEL process-	RA: 1	SC: GENERALOP general-operational
vessels	ID: 19950524	QY: <0.07
NP: Killed: --; Injured: 0; Evacuated: --	IY: 1995	IS: NONIGNITE non-ignition-of-flammable-
KW: DURATION Duration of the incident;	ER: 6	materials
TIMING Timing of the incident, time of day, shift,	QR: 0	KW: RESPONSE Emergency response to the
handover, lunch break, etc.		incident
AB: FIRE IN COKER UNIT PROCESSING	55) AN: 7393	AB: CUSTOMER AT FOOD STORE/GAS
CRUDE OIL INTO JET FUEL, DIESEL &	ME: N	STATION FUELLING TRUCK WHEN HE
GASOLINE AT REFINERY. HOUSTON SHIP	CR: AEA	WEDGEDAN OBJECT INTO NOZZLE TO
CHANNEL RESTRICTED DURING FIRE.	DA: 15/03/1995	KEEP IT OPEN WHILE HE WENT INTO
RA: 2	LO: UK; CAMBRIDGESHIRE;	STORE. AUTOMATIC SHUT- OFF DID NOT
ID: 19950713	PONDERSBRIDGE	FUNCTION PROPERLY & 15-20galls DIESEL
IY: 1995	MN: GASOIL	FUEL SPILLED. SAND USED TO ABSORB
IR: 0	MH: FI fire	SPILLAGE.
	MC: 1223	RA: 1
54) AN: 7490	OG: TRANSPORT transport-;	ID: 19940123
ME: N	ROADTANKER road-tanker	IY: 1994
CR: AEA	GC: IMPACT impact-failure	QR: 0+
DA: 24/05/1995	SC: ROADACC road-accident,-no-other-vehicle	
LO: USA; GEORGIA; METRO ATLANTA	IS: NONIGNITE non-ignition-of-flammable-	57) AN: 7318
MN: AMMONIUM NITRATE	materials	ME: N
MH: OX oxidising; EX explosive	KW: PHOTO Hard copy contains	CR: AEA
MC: 2072	photograph(s); RESPONSE Emergency response to	DA: 22/01/1995
IT: CONTREL continuous-release	the incident	LO: USA; CALIFORNIA; SUNSET BEACH
OG: TRANSPORT transport-; PACKAGE	AB: >100galls DIESEL FUEL LEAKED	MN: FUEL OIL
portable-transport-containers	INTO DYKE AFTER TANKER OVERTURNED.	MH: FI fire
NP: Killed: --; Injured: --; Evacuated: >0.005 x	RA: 1	MC: 1223
10E3	ID: 19950315	OG: TRANSPORT transport-; BARGE
GC: IMPACT impact-failure	IY: 1995	

NP: Killed: --; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: SHIP/LAND ship-to-land-collision,-also-barges
IS: NONIGNITE non-ignition-of-flammable-materials
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: FUEL BARGE IN TOW STRUCK FLOATING BRIDGE CAUSING DAMAGE TO BRIDGE. NONE OF 375,000galls DIESEL FUEL ON BOARD LEAKED FROM BARGE ALTHOUGH ACCIDENT CAUSED HOLE IN BARGE'S BOW.
RA: 1
ID: 19950122
IY: 1995
IR: 0

58a) AN: 7297
ME: B; Y
CR: AEA
DA: 11/01/1995
LO: USA; NEW JERSEY; CLINTON TOWNSHIP
MN: CORROSIVE MATERIAL
MH: FI fire
MC: 1760
IT: CONTREL continuous-release
OG: TRANSPORT transport-; PACKAGE portable-transport-containers
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
KW: RESPONSE Emergency response to the incident
AB: TRACTOR TRAILER COLLIDED WITH TANDEM TRAILER. TANDEM RIG WENT OVER GUARDRAIL & DOWN EMBANKMENT. TWO DRUMS DIESEL FUEL & CORROSIVE

MATERIAL SPILLED. PRODUCTS STOPPED FROM LEAKING INTO NEARBY WATER.
RA: 1
ID: 19950111
IY: 1995

58b) AN: 7297
ME: A-; Y
CR: AEA
DA: 11/01/1995
LO: USA; NEW JERSEY; CLINTON TOWNSHIP
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; PACKAGE portable-transport-containers
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
KW: RESPONSE Emergency response to the incident
AB: TRACTOR TRAILER COLLIDED WITH TANDEM TRAILER. TANDEM RIG WENT OVER GUARDRAIL & DOWN EMBANKMENT. TWO DRUMS DIESEL FUEL & CORROSIVE MATERIAL SPILLED. PRODUCTS STOPPED FROM LEAKING INTO NEARBY WATER.
RA: 1
ID: 19950111
IY: 1995

59) AN: 7283
ME: N
CR: AEA
DA: 04/01/1995
LO: UK; DERBYSHIRE; SANDIACRE
MN: DIESEL

MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; RAIL/TANKER rail-tanker
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
QY: 49.10
IS: NONIGNITE non-ignition-of-flammable-materials
KW: PHOTO Hard copy contains photograph(s); TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: THREE RAIL TANKERS EACH CARRYING 72te DIESEL FUEL OVERTURNED ON RAILWAY LINE WHEN TRAIN SLICED THROUGH POWER CABLE & DERAILED 12000galls DIESEL SPILLED.
RA: 3
ID: 19950104
IY: 1995
QR: 49

60) AN: 7254
ME: N
CR: AEA
DA: 16/12/1994
LO: VIETNAM; BINH DINH
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSFER loading,-unloading; PIPEWORK
IS: NONIGNITE non-ignition-of-flammable-materials
AB: PIPELINE FROM TANKER TO STORAGE TANK BROKE OFF SPILLING APPROXIMATELY 37,000l DIESEL FUEL INTO SEA.
RA: 2

ID: 19941216	MH: FI fire	AB: ROAD CLOSED FOR 12hours AFTER TRUCK CARRYING 14,000 galls PROPANE APPARENTLY HIT DEBRIS ON ROADWAY WHICH CUT DIESEL LINES. RIG BEGAN TO SLIDE ON DIESEL FUEL. PROPANE DID NOT LEAK & THERE WAS NO IGNITION.
IY: 1994	MC: 1267	RA: 1
61a) AN: 7180	IT: CONTREL continuous-release	ID: 19941107
ME: B; Y	OG: TRANSPORT transport-; PIPELINE	IY: 1994
CR: AEA	GC: IMPACT impact-failure	63) AN: 7070
DA: 07/11/1994	SC: SHIP/LAND ship-to-land-collision,-also barges	ME: N
LO: USA; MARYLAND; BALTIMORE	QY: 14.40	CR: AEA
MN: DIESEL FUEL	IS: NONIGNITE non-ignition-of-flammable-materials	DA: 09/09/1994
MH: FI fire	KW: COMPANY Firm or company involved;	LO: USA; NEW YORK; BRANT
MC: 1223	TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.	MN: DIESEL FUEL
OG: TRANSPORT transport-; PIPELINE	AB: BERTHING VEHICLE CARRIER	MH: FI fire
GC: IMPACT impact-failure	STRUCK TERMINAL PIER. PIER PART	MC: 1223
SC: SHIP/LAND ship-to-land-collision,-also barges	SUBMERGED ALONG WITH FIVE PIPELINES, THREE CONTAINING SOAP-MAKING MATERIALS. OTHERS CONTAINED DIESEL FUEL & OIL-GAS MIXTURE. 160001 OIL-GAS MIXTURE LEAKED TO BAY FROM CRACKED LINE. BOOMS IN PLACE.	IT: CONTREL continuous-release
QY: 14.40	RA: 2	OG: TRANSPORT transport-;
IS: NONIGNITE non-ignition-of-flammable-materials	ID: 19941107	ROADTANKER road-tanker
KW: COMPANY Firm or company involved;	IY: 1994	NP: Killed: --; Injured: --; Evacuated: >0.001 x 10E3
TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.	QR: 14	GC: IMPACT impact-failure
AB: BERTHING VEHICLE CARRIER	62) AN: 7179	SC: VEHICLE other-vehicle
STRUCK TERMINAL PIER. PIER PART	ME: N	QY: <10.20
SUBMERGED ALONG WITH FIVE PIPELINES, THREE CONTAINING SOAP-MAKING MATERIALS. OTHERS CONTAINED DIESEL FUEL & OIL-GAS MIXTURE. 160001 OIL-GAS MIXTURE LEAKED TO BAY FROM CRACKED LINE. BOOMS IN PLACE.	CR: AEA	IS: NONIGNITE non-ignition-of-flammable-materials
RA: 2	DA: 07/11/1994	AB: TANKER TRUCK LOADED WITH 3000galls DIESEL FUEL CRASHED INTO BEER TRUCK, PARTIALLY SPILLING ITS LOAD & FORCING EVACUATION OF RESIDENTS WITHIN HALF A MILE OF THE SCENE. TRUCK LOAD OF SAND USED TO SOAK UP SPILLED FUEL.
ID: 19941107	LO: USA; UTAH; SALT LAKE CITY	RA: 1
IY: 1994	MN: PROPANE	ID: 19940909
QR: 14	MH: FI fire	IY: 1994
61b) AN: 7180	MC: 1075	ER: 2
ME: A-; Y	OG: TRANSPORT transport-;	QR: 9
CR: AEA	ROADTANKER road-tanker	
DA: 07/11/1994	GC: IMPACT impact-failure	
LO: USA; MARYLAND; BALTIMORE	SC: ROADACC road-accident,-no-other-vehicle	
MN: OIL-GAS MIXTURE	IS: NONIGNITE non-ignition-of-flammable-materials	
	KW: DURATTION Duration of the incident	

64) AN: 7068
ME: N
CR: AEA
DA: 08/09/1994
LO: CANADA; BRITISH COLUMBIA;
WINDY CRAGGY
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: DOM/COM domestic-or-commercial;
COMMTANK small-commercial-tank
QY: <17.00
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: DIESEL FUEL SPILL FROM 5000gall
STORAGE TANK AT MINING RESERVE.
CLEAN-UP TO CONTINUE THROUGHOUT
THE WEEK. MINING PLANS TERMINATED
IN 1993, BUT BUILDINGS & EQUIPMENT
REMAINED IN PARK WHILE
COMPENSATION CLAIMED FOR CANCELLED
PROJECT.
RA: 1
ID: 19940908
IY: 1994
QR: 16

65) AN: 7015
ME: N
CR: AEA
DA: 08/08/1994
LO: USA; MASSACHUSETTS;
DORCHESTER
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker

NP: Killed: --; Injured: --; Evacuated: 0.15 x
10E3
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
QY: 0.17
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: DUMP TRUCK BACKED INTO FUEL
TRUCK SPILLING 50galls DIESEL FUEL INTO
PARKING LOT. 150 CHILDREN EVACUATED
FROM SITE.
RA: 1
ID: 19940808
IY: 1994
ER: 150
QR: 0

66a) AN: 6999
ME: B; Y
CR: AEA
DA: 25/07/1994
LO: USA; TEXAS; MARATHON
MN: PAINT
MH: FI fire
MC: 1263
OG: TRANSPORT transport-
GC: IMPACT impact-failure; EXTERNAL
external-events
SC: RAILACC rail-accident,-no-other-vehicle;
EXTNLFIRE fire
AB: TWO FREIGHT TRAINS HEADING IN
OPPOSITE DIRECTIONS COLLIDED. FIRE
FROM LEAKING DIESEL FUEL. SOME
HAZARDOUS MATERIALS CARS WERE
INVOLVED, BUT NO DANGEROUS SPILLS
REPORTED. BOTH TRAINS REPORTED TO
BE CARRYING PRODUCTS INCLUDING PAINT
& PEROXIDE.
RA: 3
ID: 19940725
IY: 1994

66b) AN: 6999
ME: A-; Y
CR: AEA
DA: 25/07/1994
LO: USA; TEXAS; MARATHON
MN: PEROXIDE
MH: OX oxidising
MC: 2756
OG: TRANSPORT transport-
GC: IMPACT impact-failure; EXTERNAL
external-events
SC: RAILACC rail-accident,-no-other-vehicle;
EXTNLFIRE fire
AB: TWO FREIGHT TRAINS HEADING IN
OPPOSITE DIRECTIONS COLLIDED. FIRE
FROM LEAKING DIESEL FUEL. SOME
HAZARDOUS MATERIALS CARS WERE
INVOLVED, BUT NO DANGEROUS SPILLS
REPORTED. BOTH TRAINS REPORTED TO
BE CARRYING PRODUCTS INCLUDING PAINT
& PEROXIDE.
RA: 3
ID: 19940725
IY: 1994

67) AN: 6889
ME: D; Y
CR: AEA
DA: 27/05/1994
LO: USA; OHIO; BELPRE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: 3; Injured: --; Evacuated: 1.7 x 10E3
QY: 1060.00
KW: COMPANY Firm or company involved;
DURATION Duration of the incident; RESPONSE

Emergency response to the incident; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
 AB: EXPLOSION & FIRE AT CHEMICAL PROCESSING UNIT OF RESIN PLANT PRODUCING THERMOPLASTIC ELASTOMERS. TANKS CONTAINING 5000te STYRENE, CYCLOHEXANE & DIESEL BELIEVED TO HAVE BEEN AFFECTED. 1 EMPLOYEE FOUND DEAD & 2 OTHERS MISSING BELIEVED DEAD. PLANT CLOSED.
 RA: 8
 ID: 19940527
 IY: 1994
 KR: 3
 ER: 1700
 QR: 1060

68) AN: 6870
 ME: N
 CR: AEA
 DA: 14/05/1994
 LO: USA; OHIO; MADISON
 MN: GASOLINE
 MH: FI fire
 MC: 1270
 OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: TRUCK BELONGING TO COMPANY THAT RELINES UNDERGROUND STORAGE TANKS LEAKED DIESEL FUEL WHILE PARKED ABOVE UNDERGROUND GASOLINE TANKS. AREA DIKED OFF TO KEEP MATERIAL FROM SEWERS &

RESPONSE TEAM TRIED TO IDENTIFY CHEMICAL.
 RA: 1
 ID: 19940514
 IY: 1994
 69) AN: 6832
 ME: N
 CR: AEA
 DA: 19/04/1994
 LO: TAIWAN; KAOHSIUNG
 MN: DIESEL FUEL OIL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; BARGE
 GC: MECHANICAL mechanical-failure
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; AREA Size of the area affected
 AB: WATER INGRESS ON 39year OLD TANK BARGE PRIOR TO BUNKERING VESSEL. BARGE SANK 5min AFTER INGRESS BEGAN FROM CRACK IN HULL DUE TO VESSEL'S AGE. LEAK 300m BY 300m & 10cm THICK. 6 CREW & 1 DELIVERY STAFF SAFE. BARGE REFLOATED & TOWED AWAY FROM INCIDENT SITE
 RA: 3
 ID: 19940419
 IY: 1994

70) AN: 6776
 ME: N
 CR: AEA
 DA: 16/03/1994
 LO: UKRAINE
 MN: DIESEL

MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 GC: EXTERNAL external-events
 SC: SABOTAGE sabotage-or-vandalism
 QY: 157.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: DIESEL FUEL SPILLED FROM PIPELINE INTO RIVER UZH AFTER THIEVES TRIED TO SYPHON FUEL. SPILL POLLUTED WATERS IN NEIGHBOURING SLOVAKIA & HUNGARY. HIGH WATER LEVELS PREVENTED ATTEMPTS TO CONFINE SLICK TO UKRAINE. SPILL CUT WATER SUPPLIES.
 RA: 1
 ID: 19940316
 IY: 1994
 QR: 157

71) AN: 6752
 ME: N
 CR: AEA
 DA: 25/02/1994
 LO: USA; ILLINOIS; DIXMOOR
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 OG: TRANSPORT transport-; RAILTANKER rail-tanker
 NP: Killed: --; Injured: 0; Evacuated: --
 GC: IMPACT impact-failure
 SC: RAILACC rail-accident,-no-other-vehicle
 IS: NONIGNITE non-ignition-of-flammable-materials
 AB: TWO CARS DERAILED INCLUDING ONE LOADED WITH DIESEL FUEL. THERE WERE NO INJURIES EXCEPT FOR A FIREFIGHTER WHO GOT A BROKEN WRIST IN A FALL.

RA: 1
ID: 19940225
IY: 1994
IR: 0

72) AN: 6751
ME: N
CR: AEA
DA: 25/02/1994
LO: JAPAN; KAWASAKI
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-; FIRE fire-
OG: PROCESS process-; PVESSEL process-
vessels
NP: Killed: --; Injured: 0; Evacuated: --
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift,
handover, lunch break, etc.
AB: FIRE ENGULFED FLUID CATALYTIC
CRACKING UNIT AT REFINERY FOLLOWING
LEAK OF DIESEL FUEL. 50-60m HIGH WALL
OF FLAME LIT UP THE NIGHT & THICK
CURTAIN OF BLACK SMOKE DESCENDED
ON THE SURROUNDING NEIGHBOURHOOD.
NO INJURIES.
RA: 3
ID: 19940225
IY: 1994
IR: 0

73) AN: 6738
ME: N
CR: AEA
DA: 20/02/1994
LO: USA; NEW YORK; DUNKIRK
MN: DIESEL FUEL
MH: FI fire
MC: 1223

IT: CONTREL continuous-release
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
GC: MECHANICAL mechanical-failure
SC: VALVE leaking-or-passing-valve
QY: >3.40
IS: NONIGNITE non-ignition-of-flammable-
materials
KW: COMPANY Firm or company involved;
AREA Size of the area affected; AFTER After effects
such as clear up, survival of injured, etc.;
ENVIRMT Environmental impact of the incident
(natural environment); RESPONSE Emergency
response to the incident
AB: MORE THAN 1000galls DIESEL
SPILLED FROM VALVE ON 10000gall TANK.
SPILL COVERED 1 acre OF LAND. OIL
SHEENS WERE OBSERVED ON A SMALL
STREAM & DRAINAGE DITCH AS WELL AS
ON LAKE.
RA: 1
ID: 19940220
IY: 1994
QR: 4

74) AN: 6732
ME: N
CR: AEA
DA: 17/02/1994
LO: USA; NEW JERSEY; NORTH
BRUNSWICK
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
QY: 3.10
IS: NONIGNITE non-ignition-of-flammable-
materials

KW: DURATION Duration of the incident;
RESPONSE Emergency response to the incident
AB: ABOUT 900galls DIESEL FUEL
SPILLED FROM TANK TRUCK CLOSING
STRETCH OF ROAD FOR THREE HOURS.
RESPONSE CREWS ON SCENE.
RA: 1
ID: 19940217
IY: 1994
QR: 3

75) AN: 6666
ME: N
CR: AEA
DA: 05/01/1993
LO: UK; SHETLAND; GARTH'S NESS
MN: CRUDE OIL
MH: FI fire
MC: 1267
IT: CONTREL continuous-release
OG: TRANSPORT transport-; SHIP
GC: EXTERNAL external-events; HUMAN
human-factor; IMPACT impact-failure
SC: HIGHWINDS high-winds; GENERALOP
general-operational; SHIP/LAND ship-to-land-
collision,-also-barges
QY: 85000.00
IS: NONIGNITE non-ignition-of-flammable-
materials
KW: ENVIRMT Environmental impact of the
incident (natural environment); PHOTO Hard copy
contains photograph(s); WEATHER Weather
conditions at the time of, or during, the incident;
TIMING Timing of the incident, time of day, shift,
handover, lunch break, etc.; RESPONSE Emergency
response to the incident
AB: CONTAMINATION OF DIESEL FUEL
BY SEAWATER ENTERING TANKS FROM
DAMAGED AIR PIPES & SUBSEQUENT LOSS
OF PROPULSION & ELECTRICAL POWER
CAUSED TANKER BRAER TO RUN AGROUND

RELEASING 85,000te CRUDE OIL TO SEA.
MASTER CITED FOR DERELICTION OF
DUTY.

RA: >100
ID: 19930105
IY: 1993
QR: 85000

76) AN: 6459
ME: N
CR: AEA
DA: 01/10/1993
LO: UK; WEST SUSSEX; SLAUGHAM
MN: DIESEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
QY: 0.54
IS: NONIGNITE non-ignition-of-flammable-
materials

KW: RESPONSE Emergency response to the
incident; DISPERSE Dispersion of material
AB: ABOUT 600l DIESEL FUEL SEEPED
FROM SPLIT TANK ON LORRY. 2mile LONG
SPILLAGE CAUSED CLOSURE OF
NORTHBOUND CARRIAGEWAY OF ROAD &
4mile TAILBACKS. FIREMEN SPRAYED FOAM
ON TOP OF STEEP HILL TO GIVE LORRIES A
GRIP & COUNCIL WORKERS SANDED ROAD.
RA: 1
ID: 19931001
IY: 1993
QR: 0

77) AN: 6406
ME: N
CR: AEA
DA: 23/08/1993

LO: USA; ALASKA; COOK INLET
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; SHIP
GC: IMPACT impact-failure
QY: 20.20
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: 5925galls OIL SPILLED WHEN OIL
SPILL RESPONSE VESSEL STRUCK OIL
PLATFORM & SPILLED DIESEL FUEL IN
COOK INLET. MINIMAL AMOUNT
RECOVERED AS DIESEL FUEL WILL HAVE
EVAPORATED QUICKLY. MECHANICAL
PROBLEMS RULED OUT AS CAUSE OF
INCIDENT.
RA: 2
ID: 19930823
IY: 1993
QR: 20

78) AN: 6251
ME: N
CR: AEA
DA: 16/06/1993
LO: USA; OHIO; LORAIN HARBOUR
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-; BARGE
GC: EXTERNAL external-events;
MECHANICAL mechanical-failure
SC: HIGHWINDS high-winds
IS: NONIGNITE non-ignition-of-flammable-
materials
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift,

handover, lunch break, etc.; DISPERSE Dispersion of
material

AB: TOWED DREDGER BARGE SANK IN
OR NEAR HARBOUR WITH 1500galls DIESEL
ON BOARD. FUEL LEAKED FROM
SUBMERGED BARGE TO LAKE. BARGE
SANK WHEN TUG PULLING HER TURNED
BECAUSE OF HIGH WAVES & GUSTING
WINDS. TUGS TOWLINE BECAME
ENTANGLED IN PROPELLOR.
RA: 2
ID: 19930616
IY: 1993

79) AN: 6216
ME: N
CR: AEA
DA: 02/06/1993
LO: USA; TEXAS; EL PASO
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-; EXPLODE explosion-
OG: PROCESS process-; PIPEWORK
NP: Killed: --; Injured: 1; Evacuated: --
KW: COMPANY Firm or company involved;
EYEWITNS Includes eyewitness account(s);
DURATION Duration of the incident
AB: FIRE & EXPLOSIONS AFTER DIESEL
FUEL LEAKED FROM A PIPE CONNECTED
TO AS CRUDE OIL TANK. REPORTS STATE
THAT EMPLOYEE TRIED TO SHUT SYSTEM
DOWN, BUT WHEN HE DID PILOT IGNITED
RESULTING IN FIRE. BLAZE CONTAINED
WITHIN 3 hours. 1 WORKER INJURED.
RA: 3
ID: 19930602
IY: 1993
IR: 1

80) AN: 6148
 ME: N
 CR: AEA
 DA: 13/04/1993
 LO: USA; LOUISIANA; FORKED ISLAND
 MN: DIESEL FUEL OIL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; BARGE
 GC: IMPACT impact-failure
 SC: SHIP/SHIP ship-to-ship-collision,-also-
 barges
 QY: 80.00
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 AB: PUSHER TUG LOST STEERING &
 GROUNDED. TANK BARGE DAMAGED &
 LEAKED 80te FUEL OIL INTO
 INTRACOASTAL WATERWAY.
 RA: 2
 ID: 19930413
 IY: 1993
 QR: 80

81a) AN: 6127
 ME: B; Y
 CR: SRD
 DA: 28/03/1993
 LO: USA; VIRGINIA; RESTON
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 GC: IMPACT impact-failure
 SC: EXCAVEQUIP excavating-equipment
 QY: 1143.00
 IS: NONIGNITE non-ignition-of-flammable-
 materials

KW: NUISANCE Nuisance (non-hazardous)
 caused by the incident
 AB: OIL SPILLED FOLLOWING RUPTURE
 OF PIPELINE CAUSED BY A BACKHOE
 WHILE AN UNIDENTIFIED THIRD PARTY
 WAS EXCAVATING NEAR THE SCENE.
 ABOUT 8000bbl NO2 DIESEL FUEL AND
 HEATING OIL ESCAPED FROM THE
 PIPELINE AS A RESULT OF THE MISHAP.
 RA: 1
 ID: 19930328
 IY: 1993
 QR: 1143

81b) AN: 6127
 ME: A; Y
 CR: SRD
 DA: 28/03/1993
 LO: USA; VIRGINIA; RESTON
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 GC: IMPACT impact-failure
 SC: EXCAVEQUIP excavating-equipment
 QY: 1143.00
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 KW: NUISANCE Nuisance (non-hazardous)
 caused by the incident
 AB: OIL SPILLED FOLLOWING RUPTURE
 OF PIPELINE CAUSED BY A BACKHOE
 WHILE AN UNIDENTIFIED THIRD PARTY
 WAS EXCAVATING NEAR THE SCENE.
 ABOUT 8000bbl NO2 DIESEL FUEL AND
 HEATING OIL ESCAPED FROM THE
 PIPELINE AS A RESULT OF THE MISHAP.
 RA: 1
 ID: 19930328
 IY: 1993

QR: 1143
 82) AN: 5982
 ME: N
 CR: SRD
 DA: 06/12/1992
 LO: USA; FLORIDA; TAMPA
 MN: DIESEL FUEL OIL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSFER loading,-unloading; SHIP
 QY: 3.90
 IS: NONIGNITE non-ignition-of-flammable-
 materials
 AB: FINGER SIZED HOLE DISCOVERED
 IN HULL OF DISCHARGING TANKER.
 BOOMS CONTAINED 5600l SPILL, AND LEAK
 STOPPED WHEN REMAINING CARGO
 PUMPED TO STORAGE TANKS.
 RA: 1
 ID: 19921206
 IY: 1992
 QR: 3
 83) AN: 5928
 ME: N
 CR: SRD
 DA: 25/10/1992
 LO: USA; CALIFORNIA; LOS ANGELES
 MN: GASOLINE
 MH: FI fire
 MC: 1270
 IT: RELEASE release-; FIRE fire-
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 GC: IMPACT impact-failure
 SC: ROADACC road-accident,-no-other-vehicle
 QY: <22.70

AB: IT TOOK 90 FIREFIGHTERS TO DOUSE 7500galls BURNING GASOLINE & DIESEL FUEL SPILLED AFTER TANKER TRAILER CRASHED AT FREEWAY INTERCHANGE. BURNING FUEL ESCAPED INTO THE SHALLOW LOS ANGELES RIVER, BUT WAS STOPPED BY BOOMS BEFORE REACHING OCEAN.
RA: 1
ID: 19921025
IY: 1992
QR: 21

84) AN: 5844
ME: N
CR: SRD
DA: 31/08/1992
LO: CANADA; NEW BRUNSWICK; GEARY
MN: GASOLINE
MH: FI fire
MC: 1270
IT: EXPLODE explosion-; FIRE fire-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: DRIVER OF TRUCK CARRYING GASOLINE & DIESEL FUEL WAS HELPED BY PASSING MOTORIST TO EVACUATE HIS TRAILER TRUCK CAB BEFORE THE TRUCK EXPLODED IN A FIRE AFTER A CRASH ON ROUTE 7.
RA: 1
ID: 19920831
IY: 1992

85a) AN: 5825
ME: B; Y

CR: SRD
DA: 16/08/1992
LO: USA; NEW YORK; HUNTINGTON MANOR
MN: DIESEL
MH: FI fire
MC: 1223
IT: RELEASE release-
GC: EXTERNAL external-events
SC: FLOODS flooding
IS: NONIGNITE non-ignition-of-flammable-materials
KW: DURATION Duration of the incident; RESPONSE Emergency response to the incident
AB: SERVICE STATION UNDER RENOVATION FLOODED DUE TO HEAVY RAINS. GASOLINE AND DIESEL FUEL ESCAPED VIA A CONSTANT STREAM OF RAINWATER. STORM DRAINS WERE DIKED & WATER FLOW DAMMED. FIRE DEPARTMENT WERE AT SITE FOR JUST UNDER THREE HOURS.
RA: 1
ID: 19920816
IY: 1992

85b) AN: 5825
ME: A-; Y
CR: SRD
DA: 16/08/1992
LO: USA; NEW YORK; HUNTINGTON MANOR
MN: GASOLINE
MH: FI fire
MC: 1270
IT: RELEASE release-
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
GC: EXTERNAL external-events
SC: FLOODS flooding

IS: NONIGNITE non-ignition-of-flammable-materials
KW: DURATION Duration of the incident; RESPONSE Emergency response to the incident
AB: SERVICE STATION UNDER RENOVATION FLOODED DUE TO HEAVY RAINS. GASOLINE AND DIESEL FUEL ESCAPED VIA A CONSTANT STREAM OF RAINWATER. STORM DRAINS WERE DIKED & WATER FLOW DAMMED. FIRE DEPARTMENT WERE AT SITE FOR JUST UNDER THREE HOURS.
RA: 1
ID: 19920816
IY: 1992

86) AN: 5721
ME: N
CR: SRD
DA: 23/10/1992
LO: UK; DERRY'S CROSS
MN: DIESEL
MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: SPILLAGE OF DIESEL FUEL FROM FLATBED LORRY AS IT NEGOTIATED CITY CENTRE ROUNDABOUT. COUNCIL WORKMEN SANDED OVER SPILLAGE.
RA: 1
ID: 19921023
IY: 1992

87) AN: 5264
ME: N
CR: SRD
DA: 05/12/1991
LO: CANADA; SASKATCHEWAN;
BASSWOOD
MN: DIESEL FUEL
MH: FI fire
MC: 1223
OG: TRANSPORT transport-; RAILTANKER rail-tanker
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
AB: SEVEN TANK CARS CARRYING DIESEL FUEL DERAILED, BUT REMAINED UPRIGHT.
RA: 1
ID: 19911205
IY: 1991

88) AN: 5140
ME: N
CR: SRD
DA: 25/09/1991
LO: USA; VERMONT; ALBURG
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: TRANSPORT transport-; ROADTANKER road-tanker
NP: Killed: 1; Injured: --; Evacuated: --
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
AB: AUTOMOBILE DRIVER BURNED TOO BADLY TO BE IDENTIFIED IMMEDIATELY AFTER COLLIDING WITH A TANK TRUCK CONTAINING DIESEL FUEL. TWO LINES OF THE TRUCK'S FOUR COMPARTMENTS CAUGHT FIRE.
RA: 1

ID: 19910925
IY: 1991
KR: 1
89a) AN: 5130
ME: B; Y
CR: SRD
DA: 17/09/1991
LO: USA; INDIANA; KNOX
MN: DIESEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: 1; Injured: 5; Evacuated: 0.04 x 10E3
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
KW: PHOTO Hard copy contains photograph(s)
AB: HEAD ON COLLISION BETWEEN 95 AND 35 CAR FREIGHT TRAINS. FIRE FROM SPILT SULPHUR AND DIESEL FUEL CAUSING LARGE BLACK SMOKE CLOUD. ENGINEER KILLED, 5 CREW INJURED AND 40 EVACUATED.
RA: 3
ID: 19910917
IY: 1991
KR: 1
IR: 5
ER: 40

89b) AN: 5130
ME: A-; Y
CR: SRD
DA: 17/09/1991
LO: USA; INDIANA; KNOX
MN: SULPHUR
MH: FI fire
MC: 1350

IT: FIRE fire-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: 1; Injured: 5; Evacuated: 0.04 x 10E3
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
KW: PHOTO Hard copy contains photograph(s)
AB: HEAD ON COLLISION BETWEEN 95 AND 35 CAR FREIGHT TRAINS. FIRE FROM SPILT SULPHUR AND DIESEL FUEL CAUSING LARGE BLACK SMOKE CLOUD. ENGINEER KILLED, 5 CREW INJURED AND 40 EVACUATED.
RA: 3
ID: 19910917
IY: 1991
KR: 1
IR: 5
ER: 40

90) AN: 5098
ME: B; Y
CR: SRD
DA: 22/07/1991
LO: USA; VANCOUVER
MN: DIESEL FUEL
MH: FI fire
MC: 1223
OG: TRANSPORT transport-; BARGE
GC: EXTERNAL external-events
AB: FREAK MARINE ACCIDENT WHEN PLEASURE BOAT SAILING PAST COAST GUARD BASE CAUGHT FIRE. BLAZING BOAT DRIFTED UNDER DOCK & SET FIRE TO WOODEN PILINGS SOAKED IN CREOSOTE. FLAMES CAME CLOSE TO REFUELLING BARGE LOADED WITH PETROL & DIESEL BUT WATER USED ON IT.
RA: 1
ID: 19910722
IY: 1991

91) AN: 5016
 ME: N
 CR: SRD
 DA: 22/07/1991
 LO: UK; WOLVISTON
 MN: CHEMICAL
 MC: 9999
 IT: RELEASE release-
 OG: TRANSPORT transport-; PACKAGE portable-transport-containers
 GC: IMPACT impact-failure
 SC: ROADACC road-accident,-no-other-vehicle
 AB: CAR AND VAN COLLIDED CAUSING CHEMICAL DRUM TO BE PUNCTURED. VAN ALSO THEN DEVELOPED LEAKAGE OF DIESEL FUEL. CONTENTS OF DRUM SWILLED AWAY.
 RA: 1
 ID: 19910722
 IY: 1991

92) AN: 4986
 ME: N
 CR: SRD
 DA: 03/1991
 PD: R rural
 LO: UK; CUMBRIA; BURTON
 MN: PETROL
 MH: FI fire
 MC: 1270
 IT: CONTREL continuous-release
 OG: STORAGE storage-; PIPEWORK
 NP: Killed: 0; Injured: 0; Evacuated: --
 GC: HUMAN human-factor
 SC: INSTALL installation-error
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: DETECT Describes how the incident was detected; NUISANCE Nuisance (non-hazardous)

caused by the incident; AFTER After effects such as clear up, survival of injured, etc.; COMPANY Firm or company involved
 AB: DIESEL FUEL/PETROL DISCOVERED ON TOP OF WATER TABLE WHEN EXCAVATING FOR NEW TANKS AT MOTORWAY PETROL STATION. STOCK CHECKS SHOWED SUCTION PIPEWORK MAY HAVE BEEN LEAKING FOR 18months. DETAILS GIVEN OF SITE CLEARANCE AND DECONTAMINATION.
 RA: 1
 ID: 19910300
 IY: 1991
 KR: 0
 IR: 0

93) AN: 4468
 ME: N
 CR: SRD
 DA: 31/01/1990
 LO: PUERTO RICO; SAN JUAN
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; ROADTANKER road-tanker
 GC: IMPACT impact-failure
 SC: VEHICLE other-vehicle
 QY: 1.70
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
 AB: TANKER CARRYING 10,000galls DIESEL FUEL TIPPED OVER SPILLING ABOUT 500gall. TANK WAS FIRST DRAINED AND THEN RIGHTED USING INFLATABLE AIR CUSHIONS.

RA: 1
 ID: 19900131
 IY: 1990
 QR: 1

94) AN: 4453
 ME: N
 CR: SRD
 DA: 18/06/1990
 LO: USA; MINNESOTA; EDEN PRAIRIE
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1267
 IT: CONTREL continuous-release
 OG: TRANSPORT transport-; PIPELINE
 GC: MECHANICAL mechanical-failure
 SC: RELIEFVALV relief-valve-failure
 QY: 198.70
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: COMPANY Firm or company involved
 AB: LINE SPILLED >75000gall DIESEL FUEL TO RIVER. FUEL SPREAD 8miles DOWNSTREAM & BOAT TRAFFIC HALTED WHILE IT WAS CONTAINED. FAILURE OF CHECK VALVE & CONNECTED HIGH PRESSURE TUBING BLAMED FOR INCIDENT.
 RA: 1
 ID: 19900618
 IY: 1990
 QR: 198

95) AN: 4447
 ME: N
 CR: SRD
 DA: 27/06/1990
 LO: USA; ALASKA; BRISTOL BAY
 MN: DIESEL FUEL OIL
 MH: FI fire
 MC: 1223

IT: CONTREL continuous-release
GC: IMPACT impact-failure
SC: SHIP/SHIP ship-to-ship-collision,-also barges
QY: 110.00
IS: NONIGNITE non-ignition-of-flammable-materials
AB: TRAWLER SANK AFTER COLLISION WITH OTHER VESSEL. 55 CREW RESCUED. 110te DIESE FUEL SPILLED FROM 25cm LONG GOUGE BELOW WATERLINE AMID SHIPS.
RA: 1
ID: 19900627
IY: 1990
QR: 110

96) AN: 4388
ME: N
CR: WORKSAFE
DA: 01/12/1989
LO: AUSTRALIA; LITHGOW
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
IS: NONIGNITE non-ignition-of-flammable-materials
KW: TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: TANKER RUPTURED SPILLING LARGE QUANTITY FUEL ON ROAD. FIREBRIGADE COVERED ROAD IN SAND.
RA: 1
ID: 19891201
IY: 1989

97) AN: 4264
ME: N

CR: SRD
DA: 07/05/1990
LO: JAMAICA; MONTEGO BAY
MN: GASOLINE
MH: FI fire
MC: 1270
IT: EXPLODE explosion-; FIRE fire-
OG: TRANSFER loading,-unloading
NP: Killed: 5; Injured: --; Evacuated: --
AB: 5 PEOPLE KILLED ON A PILOT BOAT WHEN A TANKER EXPLODED AND CAUGHT FIRE. FIRE STARTED IN THE CREW'S QUARTERS AS THE TANKER WAS ABOUT TO DISCHARGE ITS CARGO OF approx 14000te OF GASOLINE, KEROSENE AND DIESEL FUEL. TANKER SUBSEQUENTLY TOWED TO SEA.
RA: 1
ID: 19900507
IY: 1990
KR: 5

98) AN: 4043
ME: N
CR: SRD
DA: 24/04/1990
PD: R rural
LO: CANADA; ONTARIO; SAULT STE MARIE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
KW: COMPANY Firm or company involved

AB: FREIGHT TRAIN DERAILED ON A SECTION OF RAIL THAT HAD COLLAPSED DUE TO SPRING THAW. 20000 LITRES OF DIESEL FUEL LEAKED INTO CREEK CONTAMINATING SOME WATER SUPPLIES. OPERATORS ALGOMA CENTRAL RAILWAY.
RA: 1
ID: 19900424
IY: 1990

99) AN: 4037
ME: N
CR: ICHEME
DA: 12/06/1990
LO: USA; MINNESOTA; SAVAGE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; PIPELINE
QY: 198.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: COMPANY Firm or company involved
AB: MORE THAN 75000GAL OF DIESEL FUEL LEAKED FROM A PIPELINE INTO A RIVER & SPREAD DOWN STREAM FOR ABOUT 8MILES. CONTAINMENT DEVICES WERE SET UP. RIVER TRAFFIC TO BE HALTED UNTIL SPILL CLEANED UP.
RA: 1
ID: 19900612
IY: 1990
QR: 198

100) AN: 3822
ME: N
CR: SRD
DA: 05/12/1988
LO: SWEDEN; KOPING

MN: SODIUM CHLORATE
MH: EX explosive
MC: 1495
IT: EXPLODE explosion-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 1; Injured: --; Evacuated: --
GC: IMPACT impact-failure; EXTERNAL external-events
SC: ROADACC road-accident,-no-other-vehicle; EXTNLFIRE fire; VEHICLE other-vehicle
QY: 2.50
IS: HOTSURFACE hot-surface;
VEXHAUSTS vehicle-exhausts
KW: WEATHER Weather conditions at the time of, or during, the incident; ENQUIRY Investigations, public enquiries, etc., into the incident; MISSILES Size and type of missiles produced and/or the distances which they travelled; MATPROPS Properties of the material(s) involved in the incident; PHOTO Hard copy contains photograph(s)
AB: ROAD CRASH IN ICY WEATHER LED TO SPILLAGE OF SODIUM CHLORATE & DIESEL FUEL. LEAKING FUEL IGNITED & WITHIN MINUTES POWERFUL EXPLOSION OCCURRED. MISSILES THROWN 200m
RA: 3
ID: 19881205
IY: 1988
KR: 1
QR: 2

101) AN: 3767
ME: N
CR: SRD
DA: 28/01/1989
PD: R rural
LO: ANTARCTICA; ANTARCTIC PENINSULA; OFF ANVERS ISLAND
MN: DIESEL FUEL
MH: FI fire

MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; SHIP
NP: Killed: 0; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: SHIP/LAND ship-to-land-collision,-also-barges
QY: 700.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: ENVIRMNT Environmental impact of the incident (natural environment); MAP Hard copy contains map; RESPONSE Emergency response to the incident; MATPROPS Properties of the material(s) involved in the incident
AB: 133m BAHIA PARAISO RAN AGROUND & SANK OFF ANVERS ISLAND. SOME OF ITS 700te OF DIESEL FUEL ESCAPED. ALSO THERE WERE BARRELS OF DIESEL & JET FUEL & CYLINDERS OF PROPANE IN ITS CARGO. 10mile OIL SLICK AFFECTING PENGUINS, SKUAS & KRILL. ALL ON BOARD RESCUED
RA: 10
ID: 19890128
IY: 1989
KR: 0
IR: 0
QR: 700

102a) AN: 3720
ME: B; Y
CR: SRD
DA: 12/05/1989
PD: U urban
LO: USA; MISSISSIPPI; MERIDIAN
MN: DIESEL FUEL
MH: FI fire
MC: 1293
IT: RELEASE release-

OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: --; Injured: --; Evacuated: 0.2 x 10E3
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
AB: ABOUT 25000 USgall OF ANTIFREEZE & 5000 USgall OF DIESEL FUEL ESCAPED INTO CHUNKY RIVER WHEN 12 CARS OF MIDSOUTH TRAIN DERAILED. 200 PEOPLE EVACUATED.
RA: 1
ID: 19890512
IY: 1989
ER: 200

102b) AN: 3720
ME: A-; Y
CR: SRD
DA: 12/05/1989
PD: U urban
LO: USA; MISSISSIPPI; MERIDIAN
MN: ETHYLENE GLYCOL
MH: FI fire
MC: 9999
IT: RELEASE release-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: --; Injured: --; Evacuated: 0.2 x 10E3
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
AB: ABOUT 25000 USgall OF ANTIFREEZE & 5000 USgall OF DIESEL FUEL ESCAPED INTO CHUNKY RIVER WHEN 12 CARS OF MIDSOUTH TRAIN DERAILED. 200 PEOPLE EVACUATED.
RA: 1
ID: 19890512

IY: 1989
ER: 200

103) AN: 3685
ME: N
CR: SRD
DA: 20/04/1987
LO: USA; ARKANSAS; MANSFIELD
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: EXPLODE explosion-; FIRE fire-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 3; Injured: >4; Evacuated: --
GC: IMPACT impact-failure
SC: VEHICLE other-vehicle
KW: RESPONSE Emergency response to the incident
AB: TRACTOR TRAILER LOADED WITH DIESEL FUEL & GASOLINE COLLIDED WITH 4 CARS BEFORE EXPLODING. EMERGENCY SERVICES WERE INCAPABLE OF SUPPLYING ADEQUATE FOAM. MILITARY FOAM VEHICLES CONTROLLED FIRE. A WOMAN & 2 CHILDREN WERE CRUSHED INSIDE A CAR UNDER TANKER.
RA: 1
ID: 19870420
IY: 1987
KR: 3
IR: 5

104) AN: 3650
ME: N
CR: WORKSAFE
DA: 25/10/1988
LO: AUSTRALIA; NORTHERN TERRITORY; CAMDEN
MN: DIESEL FUEL

MH: FI fire
MC: 1223
IT: TANKFIRE tank-fire
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 1; Evacuated: --
GC: HUMAN human-factor
SC: MAINTAIN general-maintenance
IS: FLAME naked-flames; FLARE flares
KW: PHOTO Hard copy contains photograph(s)
AB: A WELDER WAS BADLY BURNED WHILE WORKING ON TANK OF DIESEL TANK EXPLODED. EMERGENCY TEAMS RESPONDED QUICKLY. OXYGEN & ACETYLENE BOTTLES ALSO EXPLODED. BLAZE CONTROLLED WITHIN 40mins OF CALL. BLAZE THREATENED NEARBY TANKS.
RA: 2
ID: 19881025
IY: 1988
KR: 0
IR: 1

105) AN: 3610
ME: N
CR: SRD
DA: 12/02/1989
PD: U urban
LO: USA; NEW JERSEY; RIDGEFIELD
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-; POOL pool-of-liquid-formed
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 22.00

IS: NONIGNITE non-ignition-of-flammable-materials
KW: NUISANCE Nuisance (non-hazardous) caused by the incident; AFTER After effects such as clear up, survival of injured, etc.
AB: TANKER TRUNK OVERTURNED & RUPTURED SPILLING 7641 USgall DIESEL FUEL. MOTORWAY CLOSED UNTIL CLEANING OPERATIONS COMPLETED. SOME FUEL LEAKED INTO DRAINAGE DITCH & FROM THERE INTO RIVER.
RA: 1
ID: 19890212
IY: 1989
KR: 0
IR: 0
QR: 22

106) AN: 3591
ME: N
CR: SRD
DA: 21/02/1989
PD: U urban
LO: USA; NEW YORK; KIANSTONE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-; POOL pool-of-liquid-formed
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 11.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: RESPONSE Emergency response to the incident
AB: TANKER TRUCK LOST CONTROL, WENT OFF ROAD, STRUCK UTILITY POLE & OVERTURNED SPILLING 4000gall

DIESEL/PETROL LOAD. RESPONSE TEAM
CONTAINED SPILL BY DYKING MARSHY
AREA.

RA: 1
ID: 19890221
IY: 1989
KR: 0
IR: 0
QR: 11

107) AN: 3590
ME: N
CR: SRD
DA: 14/10/1980
PD: U urban
LO: USA; KANSAS; OLPE
MN: DIESEL FUEL
MH: FI fire
MC: 1223

IT: EXPLODE explosion-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: 0.53 x 10E3
QY: 5.00
AB: TANK CONTAINING 1500gall DIESEL
FUEL EXPLODED CAUSING EVACUATION
OF TOWN. NO INJURIES REPORTED.

RA: 1
ID: 19801014
IY: 1980
KR: 0
IR: 0
ER: 530
QR: 5

108a) AN: 3533
ME: B; Y
CR: SRD
DA: 12/07/1987
LO: USA; CALIFORNIA; LANCASTER
MN: CRUDE OIL

MH: FI fire
MC: 1267
IT: CONTREL continuous-release; POOL
pool-of-liquid-formed
OG: TRANSPORT transport-; RAILTANKER
rail-tanker
NP: Killed: 0; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-
materials

AB: 33 TANK CARS DERAILED SPILLING
ESTIMATED 55000galls DIESEL FUEL & CRUDE
OIL.
RA: 1
ID: 19870712
IY: 1987
KR: 0
IR: 0

108b) AN: 3533
ME: A; Y
CR: SRD
DA: 12/07/1987
LO: USA; CALIFORNIA; LANCASTER
MN: DIESEL FUEL
MH: FI fire
MC: 1223

IT: CONTREL continuous-release; POOL
pool-of-liquid-formed
OG: TRANSPORT transport-; RAILTANKER
rail-tanker
NP: Killed: 0; Injured: 0; Evacuated: --
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
QY: 187.00
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: 33 TANK CARS DERAILED SPILLING
ESTIMATED 55000galls DIESEL FUEL & CRUDE
OIL.

RA: 1
ID: 19870712
IY: 1987
KR: 0
IR: 0
QR: 187

109) AN: 3512
ME: N
CR: SRD
DA: 09/07/1982
LO: USA; ARKANSAS; MAMMOTH SPRNGS
MN: DIESEL FUEL
MH: FI fire
MC: 1223

IT: CONTREL continuous-release; POOL
pool-of-liquid-formed
OG: TRANSPORT transport-; RAILTANKER
rail-tanker
DG: US\$ >1.00 x 10E6
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
QY: 15.00
IS: NONIGNITE non-ignition-of-flammable-
materials

KW: ENVIRMNT Environmental impact of the
incident (natural environment)
AB: 4 LOCOMOTIVES & 2 CARS OF
FREIGHT TRAIN DERAILED 1mile SOUTH OF
TOWN ALLOWING AN ESTIMATED 5000galls
DIESEL FUEL TO ENTER NEARBY RIVER.
MANY FISH DIED AT FISH HATCHERY 400m
DOWNRIVER FROM DERAILEMENT SITE
INCURRING DAMAGE AS HIGH AS 1million
dollars.

RA: 1
ID: 19820709
IY: 1982
DR: 1000001
QR: 15

110) AN: 3077
ME: N
CR: SRD
DA: 10/05/1988
PD: R rural
LO: CANADA; QUEBEC; LINTON
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: RELEASE release-
NP: Killed: 0; Injured: 0; Evacuated: --
DG: US\$ 1.00 x 10E6
GC: IMPACT impact-failure; EXTERNAL external-events
SC: RAILACC rail-accident,-no-other-vehicle;
GROUND subsidence,-soil-stress,-erosion-of-support
QY: 26.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: ENVIRMNT Environmental impact of the incident (natural environment); RESPONSE Emergency response to the incident
AB: 4 LOCOMOTIVES & 4 RAILCARS DERAILED WHEN RAILWAY BED GAVE WAY FOLLOWING BEAVER DAM RUPTURE. THE RAILCARS RUPTURED & DIESEL FUEL SPILLED INTO THE RIVER BATISCAN. A BOOM WAS PLACED ACROSS THE RIVER TO PREVENT THE SPREAD OF THE FUEL.
RA: 1
ID: 19880510
IY: 1988
KR: 0
IR: 0
DR: 1000000
QR: 26

111) AN: 2984
ME: N
CR: ICHEME
DA: 26/04/1988

PD: U urban
LO: USA; MARYLAND; BALTIMORE
MN: DIESEL
MH: FI fire
MC: 1223
IT: RELEASE release-; FIRE fire-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 1; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 22.00
IS: AUTOIGNITE autoignition
KW: AFTER After effects such as clear up, survival of injured, etc.; NUISANCE Nuisance (non-hazardous) caused by the incident; INJURIES Types of, or causes of or degree of injuries; PHOTO Hard copy contains photograph(s); TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: ROAD TANKER CONTAINING DIESEL FUEL OVERTURNED & CAUGHT FIRE AFTER LOAD SHIFTED. DRIVER RECEIVED MINOR INJURIES ONLY. NO ONE ELSE INVOLVED.
RA: 1
ID: 19880426
IY: 1988
KR: 0
IR: 1
QR: 22

112a) AN: 2920
ME: B; Y
CR: SRD
DA: 13/10/1981
LO: USA; TEXAS; JUSTIN
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release; POOL pool-of-liquid-formed

OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: --
GC: EXTERNAL external-events
SC: FLOODS flooding
QY: 26.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: AFTER After effects such as clear up, survival of injured, etc.
AB: 3*3000gall TANKS (2 GASOLINE & 1 DIESEL FUEL) FLOATED, BROKE THEIR PIPING & ROLLED OVER DURING HEAVY FLOODING AT TRUCKSTOP. 10000gall SPILLED. AFTER FLOOD RECEDED FIREFIGHTERS USED FOAM TO SEAL REMAINING VAPOURS & VACUUM TRUCKS TO PICK-UP RESIDUE.
RA: 1
ID: 19811013
IY: 1981
KR: 0
IR: 0
QR: 26

112b) AN: 2920
ME: A-; Y
CR: SRD
DA: 13/10/1981
LO: USA; TEXAS; JUSTIN
MN: GASOLINE
MH: FI fire
MC: 1270
IT: CONTREL continuous-release; POOL pool-of-liquid-formed
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: --
GC: EXTERNAL external-events
SC: FLOODS flooding
QY: 26.00

IS: NONIGNITE non-ignition-of-flammable-materials
 KW: AFTER After effects such as clear up, survival of injured, etc.
 AB: 3*30000gall TANKS (2 GASOLINE & 1 DIESEL FUEL).FLOATED, BROKE THEIR PIPING & ROLLED OVER DURING HEAVY FLOODING AT TRUCKSTOP. 10000gall SPILLED. AFTER FLOOD RECEDED, FIREFIGHTERS USED FOAM TO SEAL REMAINING VAPOURS & VACUUM TRUCKS TO PICK-UP RESIDUE.
 RA: 1
 ID: 19811013
 IY: 1981
 KR: 0
 IR: 0
 QR: 26

113) AN: 2668
 ME: N
 CR: SRD
 DA: 03/03/1987
 PD: R rural
 LO: UK; WILTSHIRE; ASHTON KEYNES
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: RELEASE release-
 OG: TRANSPORT transport-;
 ROADTANKER road-tanker
 NP: Killed: 0; Injured: 1; Evacuated: --
 GC: IMPACT impact-failure
 SC: ROADACC road-accident,-no-other-vehicle
 QY: 1.00
 IS: NONIGNITE non-ignition-of-flammable-materials
 KW: AFTER After effects such as clear up, survival of injured, etc.; COMPANY Firm or company involved; RESPONSE Emergency response to the incident

AB: A MULTI-TANKER FELL INTO A DITCH WHILST NEGOTIATING A NARROW LANE SPILLING DIESEL FUEL INTO A DITCH. THE FIRE BRIGADE CONTAINED THE SPILLAGE PREVENTING POLLUTION. THE ROAD WAS BLOCKED FOR 4hrs DURING THE CLEAN-UP AND RECOVERY OPERATION.
 RA: 1
 ID: 19870303
 IY: 1987
 KR: 0
 IR: 1
 QR: 1

114) AN: 2098
 ME: N
 CR: SRD
 DA: 14/08/1980
 PD: U urban
 LO: USA; LOUISIANA; MORGAN CITY
 MN: DIESEL FUEL
 MH: FI fire
 MC: 1223
 IT: RELEASE release-; FIRE fire-
 OG: TRANSFER loading,-unloading;
 ASVESSEL storage-vessels,-atmospheric-pressure
 NP: Killed: --; Injured: --; Evacuated: >0.1 x 10E3
 DG: US\$ 1.00 x 10E6
 GC: HUMAN human-factor
 SC: OVERFILL overfilling
 IS: HOTSURFACE hot-surface;
 VEXHAUSTS vehicle-exhausts
 KW: AREA Size of the area affected;
 COMPANY Firm or company involved
 AB: A ROADTANKER WAS DISCHARGING DIESEL FUEL INTO TANK WHICH OVERFLOWED. THE SPILT FUEL WAS IGNITED BY THE TRUCKS ENGINE SETTING OFF A SERIES OF EXPLOSIONS AND FIRES. 8

BLOCKS OF THE CITY WERE EVACUATED AND FIREBOATS FROM UP TO 30 miles AWAY ASSISTED.
 RA: 1
 ID: 19800814
 IY: 1980
 ER: 101
 DR: 1000000

115a) AN: 2016
 ME: E; Y
 CR: SRD
 DA: 09/07/1986
 PD: U urban
 LO: USA; NEW JERSEY; BAYONNE
 MN: ACETONE
 MH: FI fire
 MC: 1090
 IT: FIRE fire-
 OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
 NP: Killed: 0; Injured: 10; Evacuated: --
 GC: EXTERNAL external-events
 SC: EXTNLFIRE fire
 KW: COMPANY Firm or company involved;
 DURATION Duration of the incident; EXTENT Extent of the damage caused; RESPONSE Emergency response to the incident; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: PETROL STORAGE TANK CAUGHT FIRE AT TERMINAL & FIRE SPREAD TO 3 OTHER TANKS STORING DIESEL FUEL & ACETONE. MARINE TRAFFIC WAS SUSPENDED FOR SEVERAL HOURS AND THE FIRE BURNED FOR 12 HOURS DESTROYING THE FOUR TANKS AND BLISTERING THE PAINT ON OTHERS.
 RA: 1
 ID: 19860709
 IY: 1986

KR: 0
IR: 10

115b) AN: 2016
ME: D; Y
CR: SRD
DA: 09/07/1986
PD: U urban
LO: USA; NEW JERSEY; BAYONNE
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: --; Injured: 10; Evacuated: --
GC: EXTERNAL external-events
SC: EXTNLFIRE fire
KW: COMPANY Firm or company involved;
DURATION Duration of the incident; EXTENT
Extent of the damage caused; RESPONSE
Emergency response to the incident; TIMING Timing
of the incident, time of day, shift, handover, lunch
break, etc.
AB: PETROL STORAGE TANK CAUGHT
FIRE AT TERMINAL & FIRE SPREAD TO 3
OTHER TANKS STORING DIESEL FUEL &
ACETONE. MARINE TRAFFIC WAS
SUSPENDED FOR SEVERAL HOURS AND THE
FIRE BURNED FOR 12 HOURS DESTROYING
THE FOUR TANKS AND BLISTERING THE
PAINT ON OTHERS.
RA: 1
ID: 19860709
IY: 1986
IR: 10

115c) AN: 2016
ME: C; Y
CR: SRD

DA: 09/07/1986
PD: U urban
LO: USA; NEW JERSEY; BAYONNE
MN: ACETONE
MH: FI fire
MC: 1090
IT: FIRE fire-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 10; Evacuated: --
GC: EXTERNAL external-events
SC: EXTNLFIRE fire
KW: COMPANY Firm or company involved;
DURATION Duration of the incident; EXTENT
Extent of the damage caused; RESPONSE
Emergency response to the incident; TIMING Timing
of the incident, time of day, shift, handover, lunch
break, etc.
AB: PETROL STORAGE TANK CAUGHT
FIRE AT TERMINAL & FIRE SPREAD TO 3
OTHER TANKS STORING DIESEL FUEL &
ACETONE. MARINE TRAFFIC WAS
SUSPENDED FOR SEVERAL HOURS AND THE
FIRE BURNED FOR 12 HOURS DESTROYING
THE FOUR TANKS AND BLISTERING THE
PAINT ON OTHERS.
RA: 1
ID: 19860709
IY: 1986
KR: 0
IR: 10

115d) AN: 2016
ME: B; Y
CR: SRD
DA: 09/07/1986
PD: U urban
LO: USA; NEW JERSEY; BAYONNE
MN: DIESEL FUEL
MH: FI fire
MC: 1223

IT: FIRE fire-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: --; Injured: 10; Evacuated: --
GC: EXTERNAL external-events
SC: EXTNLFIRE fire
KW: COMPANY Firm or company involved;
DURATION Duration of the incident; EXTENT
Extent of the damage caused; RESPONSE
Emergency response to the incident; TIMING Timing
of the incident, time of day, shift, handover, lunch
break, etc.
AB: PETROL STORAGE TANK CAUGHT
FIRE AT TERMINAL & FIRE SPREAD TO 3
OTHER TANKS STORING DIESEL FUEL &
ACETONE. MARINE TRAFFIC WAS
SUSPENDED FOR SEVERAL HOURS AND THE
FIRE BURNED FOR 12 HOURS DESTROYING
THE FOUR TANKS AND BLISTERING THE
PAINT ON OTHERS.
RA: 1
ID: 19860709
IY: 1986
IR: 10

115e) AN: 2016
ME: A-; Y
CR: SRD
DA: 09/07/1986
PD: U urban
LO: USA; NEW JERSEY; BAYONNE
MN: PETROL
MH: FI fire
MC: 1270
IT: FIRE fire-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: --; Injured: 10; Evacuated: --
QY: <4500.00
KW: COMPANY Firm or company involved;
DURATION Duration of the incident; EXTENT

Extent of the damage caused; RESPONSE
Emergency response to the incident; TIMING Timing
of the incident, time of day, shift, handover, lunch
break, etc.

AB: PETROL STORAGE TANK CAUGHT
FIRE AT TERMINAL & FIRE SPREAD TO 3
OTHER TANKS STORING DIESEL FUEL &
ACETONE. MARINE TRAFFIC WAS
SUSPENDED FOR SEVERAL HOURS AND THE
FIRE BURNED FOR 12 HOURS DESTROYING
THE FOUR TANKS AND BLISTERING THE
PAINT ON OTHERS.

RA: 1
ID: 19860709
IY: 1986
IR: 10
QR: 4499

116) AN: 1988
ME: N
CR: SRD
DA: 12/1977
PD: R rural
LO: UK; HAMPSHIRE; SOUTHAMPTON
MN: FUEL OIL
MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-; PIPELINE
NP: Killed: 0; Injured: 0; Evacuated: --
QY: 7.30
IS: NONIGNITE non-ignition-of-flammable-
materials
AB: OIL FEEDER PIPELINE IN REFINERY
BURST DURING TESTING SHOOTING DIESEL
FUEL INTO AIR AND THROUGH VILLAGE.
NO IGNITION.
RA: 1
ID: 19771200
IY: 1977
KR: 0

IR: 0
QR: 7
117) AN: 1570
ME: A-; Y
CR: SRD
DA: 24/09/1977
LO: USA; ILLINOIS; ROMEOVILLE
MN: DIESEL OIL
MH: FI fire
MC: 1223
IT: TANKFIRE tank-fire
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
DG: US\$ >8.40 x 10E6
GC: EXTERNAL external-events
SC: LIGHTNING
QY: <32000.00
IS: ELECTRIC electric-sparks; STATIC static-
including-lightning
KW: COMPANY Firm or company involved;
RESPONSE Emergency response to the incident;
KNOCK-ON Describes any knock-on or domino
type effects caused
AB: FIRE BEGAN EARLY MORNING
WHEN LIGHTNING STRUCK 11 MILLION gall
DIESEL FUEL TANK AT UNION OIL CO.
REFINERY. FIRE SPREAD TO 2 TANKS
CONTAINING 16.5 MILLION GALLS
GASOLINE. FIRES EXTINGUISHED BY 2400
26/09/77.
RA: 1
ID: 19770924
IY: 1977
KR: 0
IR: 0
ER: 0
DR: 8400001
QR: 31999

118) AN: 1563
ME: N
CR: SRD
DA: 10/10/1983
PD: U urban
LO: NICARAGUA; CORINTO
MN: FUEL OIL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: STORAGE storage-; ASVESSEL storage-
vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 17; Evacuated: 25 x 10E3
GC: EXTERNAL external-events
SC: SABOTAGE sabotage-or-vandalism
QY: <6000.00
KW: RESPONSE Emergency response to the
incident
AB: 3.2E*6gall GASOLINE/DIESEL FUEL
RELEASED & 25000 PEOPLE EVACUATED
WHEN SANDANISTA REBEL ATTACK
STARTED BLAZE THAT ENGULFED OIL
DEPOT. 8 FUEL TANKS DESTROYED. HEAVY
BLACK SMOKE COVERED CITY.
RA: 1
ID: 19831010
IY: 1983
KR: 0
IR: 17
ER: 25000
QR: 5999

119) AN: 1480
ME: N
CR: ICHEME
DA: 19/02/1986
LO: USA; BALTIMORE; MARLEY NECK
MN: DIESEL FUEL OIL

MH: FI fire
MC: 1223
IT: RELEASE release-
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: <31.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: AFTER After effects such as clear up, survival of injured, etc.; RESPONSE Emergency response to the incident; COMPANY Firm or company involved; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PHOTO Hard copy contains photograph(s)
AB: OIL TANKER OVERTURNED AT 1615 WHEN DRIVER LOST CONTROL. APPROX. 3600 GALL OF 6800 GALL LOAD RECOVERED. POLLUTION OF LOCAL WATER PREVENTED. COMPANY = HAHN TRANSPORTATION INC.
RA: 1
ID: 19860219
IY: 1986
KR: 0
IR: 0
ER: 0
QR: 30

120a) AN: 1468
ME: C; Y
CR: SRD
DA: 07/11/1983
LO: USA; TEXAS; PORT NECHAS
MN: OXYGEN
MH: OX oxidising
MC: 1072
IT: FIRE fire-; EXPLODE explosion-
OG: TRANSPORT transport-; SHIP
NP: Killed: 0; Injured: 0; Evacuated: 0.15 x 10E3

GC: HUMAN human-factor
SC: GENERALOP general-operational
IS: FLAME naked-flames; FLARE flares
KW: DURATION Duration of the incident;
KNOCK-ON Describes any knock-on or domino type effects caused
AB: CREWS INSTALLING GENERATORS IN ENGINE ROOM OF 70,600dwt. "MARA HOPE", WHEN WELDING TORCH IGNITED DIESEL FUEL IN PUMPS. FIRE SPREAD TO DIESEL FUEL TANK AND EXPLODED ACETYLENE/OXYGEN BOTTLES. 5HRS LATER WHOLE SHIP ABLAZE DESPITE HOLDS DECLARED "GASFREE".
RA: 1
ID: 19831107
IY: 1983
KR: 0
IR: 0
ER: 150

120b) AN: 1468
ME: B; Y
CR: SRD
DA: 07/11/1983
LO: USA; TEXAS; PORT NECHAS
MN: ACETYLENE
MH: FI fire
MC: 1001
IT: FIRE fire-; EXPLODE explosion-
OG: TRANSPORT transport-; SHIP
NP: Killed: 0; Injured: 0; Evacuated: 0.15 x 10E3
GC: HUMAN human-factor
SC: GENERALOP general-operational
IS: FLAME naked-flames; FLARE flares
KW: DURATION Duration of the incident;
KNOCK-ON Describes any knock-on or domino type effects caused
AB: CREWS INSTALLING GENERATORS IN ENGINE ROOM OF 70,600dwt. "MARA HOPE", WHEN WELDING TORCH IGNITED

DIESEL FUEL IN PUMPS. FIRE SPREAD TO DIESEL FUEL TANK AND EXPLODED ACETYLENE/OXYGEN BOTTLES. 5HRS LATER WHOLE SHIP ABLAZE DESPITE HOLDS DECLARED "GASFREE".
RA: 1
ID: 19831107
IY: 1983
KR: 0
IR: 0
ER: 150

120c) AN: 1468
ME: A-; Y
CR: SRD
DA: 07/11/1983
LO: USA; TEXAS; PORT NECHAS
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-; EXPLODE explosion-
OG: TRANSPORT transport-; SHIP
NP: Killed: 0; Injured: 0; Evacuated: 0.15 x 10E3
GC: HUMAN human-factor
SC: GENERALOP general-operational
IS: FLAME naked-flames; FLARE flares
KW: DURATION Duration of the incident;
KNOCK-ON Describes any knock-on or domino type effects caused
AB: CREWS INSTALLING GENERATORS IN ENGINE ROOM OF 70,600dwt. "MARA HOPE", WHEN WELDING TORCH IGNITED DIESEL FUEL IN PUMPS. FIRE SPREAD TO DIESEL FUEL TANK AND EXPLODED ACETYLENE/OXYGEN BOTTLES. 5HRS LATER WHOLE SHIP ABLAZE DESPITE HOLDS DECLARED "GASFREE".
RA: 1
ID: 19831107
IY: 1983
KR: 0

IR: 0
ER: 150

121) AN: 1289
ME: N
CR: SRD
DA: 26/10/1979
LO: UK; SURREY; PUTTENHAM
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 1; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
QY: 10.00
IS: NONIGNITE non-ignition-of-flammable-materials
KW: RESPONSE Emergency response to the incident; INJURIES Types of, or causes of or degree of injuries
AB: CAR/TANKER COLLISION. CAR DRIVER TRAPPED WHILE DIESEL LEAKED. TANKER LIFTED CLEAR USING AN MFC AIR LIFT CUSHION (QUICK + FRICTION-FREE COMPARED TO TRADITIONAL METHODS). DRIVER FREED, MINOR INJURIES.
RA: 1
ID: 19791026
IY: 1979
KR: 0
IR: 1
QR: 10

122) AN: 811
ME: N
CR: SRD
DA: 01/1984

LO: USA; FLORIDA
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-
OG: TRANSFER loading,-unloading;
ROADTANKER road-tanker
NP: Killed: 0; Injured: 2; Evacuated: 0 x 10E3
DG: US\$ 0.05 x 10E6
GC: HUMAN human-factor
SC: GENERALOP general-operational
KW: PRODESC Contains a description of the process as usually undertaken at the site of the incident; RESPONSE Emergency response to the incident; TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.; PROPERTY Types of any buildings affected by the incident
AB: THE PLATFORM OVERHEAD DISPENSER OF A FUELLING STATION WAS INOPERABLE SO A DRIVER FILLED HIS FUEL DELIVERY TRUCK USING A SUCTION METHOD FROM AN UNDERGROUND STORE. FIRE OCCURRED EITHER BY SPARK OR BY HOT EXHAUST. FIRE OUT 10 MINS AFTER BRIGADE ARRIVED.
RA: 1
ID: 19840100
IY: 1984
KR: 0
IR: 2
ER: 0
DR: 50000

123) AN: 770
ME: B; Y
CR: SRD
DA: 03/07/1979
PD: U urban
LO: USA; TEXAS; HOUSTON
MN: DIESEL FUEL
MH: FI fire

MC: 1223
IT: FIRE fire-
KW: COMPANY Firm or company involved
AB: NO DETAILS. HNG PROPANE COMPANY PLANT, US 59.
RA: 2
ID: 19790703
IY: 1979

124) AN: 621
ME: N
CR: SRD
DA: 12/02/1979
PD: U urban
LO: USA; INDIANA; WHITTING
MN: DIESEL FUEL OIL
MH: FI fire
MC: 1223
IT: EXPLODE explosion-; TANKFIRE tank-fire
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 0; Evacuated: 1.5 x 10E3
KW: COMPANY Firm or company involved; PROGRESN How the incident progressed or developed with time; AREA Size of the area affected
AB: AMOCO REFINERY. EXPLOSIONS IN 4-STOREY GASOLINE PROCESS UNIT THEN FIRE SPREAD THROUGH PIPES TO 2 OUT OF 5 STORAGE TANKS (DIESEL?). 10 SQUARE BLOCKS EVACUATED (400,1000,1500?)FIRE CONTAINED IN 5 HOURS, DURATON (EXPECTED)2 DAYS.
RA: 2
ID: 19790212
IY: 1979
KR: 0
UR: 0
ER: 1500

125a) AN: 573
ME: B; Y
CR: SRD
DA: 10/04/1979
PD: U urban
LO: USA; KANSAS; COLUMBUS
MN: AMMONIUM NITRATE
MH: EX explosive; OX oxidising
MC: 2072
IT: FIRE fire-
OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: 1; Injured: --; Evacuated: 0.5 x 10E3
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
KW: COMPANY Firm or company involved;
AREA Size of the area affected
AB: MISSOURI-KANSAS-TEXAS RAILWAY INTO REAR OF ST. LOUIS-SAN FRANSIS CO RAILWAY TRAIN. 2 TANK CARS OF DIESEL FUEL ON FIRE. EVACUATION OF ALL IN 2 MILE RADIUS WHEN FIRE THREATENED CAR OF POWDERED AMMONIUM NITRATE. ALLOWED BACK AFTER 3 HOURS.
RA: 1
ID: 19790410
IY: 1979
KR: 1
ER: 500

125b) AN: 573
ME: A-; Y
CR: SRD
DA: 10/04/1979
PD: U urban
LO: USA; KANSAS; COLUMBUS
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-

OG: TRANSPORT transport-; RAILTANKER rail-tanker
NP: Killed: 1; Injured: --; Evacuated: 0.5 x 10E3
GC: IMPACT impact-failure
SC: RAILACC rail-accident,-no-other-vehicle
KW: COMPANY Firm or company involved;
AREA Size of the area affected
AB: MISSOURI-KANSAS-TEXAS RAILWAY INTO REAR OF ST. LOUIS-SAN FRANSIS CO RAILWAY TRAIN. 2 TANK CARS OF DIESEL FUEL ON FIRE. EVACUATION OF ALL IN 2 MILE RADIUS WHEN FIRE THREATENED CAR OF POWDERED AMMONIUM NITRATE. ALLOWED BACK AFTER 3 HOURS.
RA: 1
ID: 19790410
IY: 1979
KR: 1
ER: 500

126) AN: 528
ME: N
CR: SRD
DA: 01/03/1979
PD: U urban
LO: UK; SURREY; FARNHAM
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: CONTREL continuous-release
OG: TRANSPORT transport-; ROADTANKER road-tanker
NP: Killed: 0; Injured: 4; Evacuated: --
GC: IMPACT impact-failure
SC: ROADACC road-accident,-no-other-vehicle
IS: NONIGNITE non-ignition-of-flammable-materials
KW: RESPONSE Emergency response to the incident; ENVIRMNT Environmental impact of the incident (natural environment)

AB: TANKER RAN OUT OF CONTROL ON STEEP STREET + CRASHED. TANKER LEAKED + AREA WAS CORDONED OFF. SOME FUEL FLOWED INTO RIVER WEY.

RA: 1
ID: 19790301
IY: 1979
KR: 0
IR: 4

127) AN: 335
ME: N
CR: SRD
DA: 11/09/1970
LO: UK; LONDON; GRAVESEND
MN: DIESEL FUEL
MH: FI fire
MC: 1223
IT: FIRE fire-; EXPLODE explosion-
OG: STORAGE storage-; ASVESSEL storage-vessels,-atmospheric-pressure
KW: COMPANY Firm or company involved;
TIMING Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: DIESEL TANK EXPLODED. FIRE EXTINGUISHED WITH SLIGHT DAMAGE TO A JETTY. "SARGENT BROS"(THAMES).
RA: 1
ID: 19700911
IY: 1970