

## Identifier

<b>FRS Incident Number:</b>	033394-31122017
<b>Incident status:</b>	Recorded
<b>Recording FRS:</b>	Merseyside
<b>Recording station:</b>	Liverpool City
<b>'Over the border' incident:</b>	No

## Call

<b>Origin of call:</b>	Other
<b>Incident type at call:</b>	Vehicle small

### ▶ Timings

<b>Time of call:</b>	31 December 2017 16:42:17
<b>Late call:</b>	No
<b>Date/time of stopped message:</b>	02 January 2018 07:34:53
<b>Date/time closed:</b>	05 January 2018 12:07:30

## Attendance

<b>Incident category:</b>	Fire
<b>Type of property:</b>	Building > Non Residential > Car Parks > Multi-Storey
<b>Property regulated:</b>	Yes
<b>Number of appliances deployed:</b>	51
<b>Victims involved:</b>	No
<b>Evacuation involved:</b>	Yes
<b>Attack on firefighters:</b>	No
<b>Derelict buildings involved:</b>	No
<b>Chimney fire:</b>	No

### ▶ Location of incident

<b>Location description:</b>	KINGS DOCK,MONARCHS QUAY CAR PARK,LIVERPOOL SOUTH DOCKS
<b>X-coordinate:</b>	0334281
<b>Y-coordinate:</b>	0389350

## Other Details

<b>Multiple seats:</b>	No
<b>Time between ignition and discovery:</b>	5 to 30 minutes
<b>Time between discovery and call:</b>	5 to 30 minutes
<b>How the fire was discovered:</b>	Person
<b>Cause/motive:</b>	Accidental
<b>Occupied at time of incident:</b>	Yes
<b>Building normally occupied:</b>	Yes - occupied
<b>State of building's means of escape:</b>	OK - no visible concerns
<b>State of building's compartmentation found:</b>	Stopped/Checked spread

### ▶ Alarm systems

Alarm System Type	Location	Operated	Reason for poor Outcome
Mains security system including smoke alarm	On same floor as fire	Yes, but did not raise alarm	Alarm was raised before the system operated
<b>Were hazardous materials involved:</b>		Yes	

### ▶ Hazardous materials

UN Number	Action Code	Identification Number
Diesel fuel		
LPG		
Petrol		

## Resources

**Number of non-rider officers:** 26

### ▶ Vehicles

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 16:43:56  
**Deployed from Home Station:** Merseyside > Liverpool City  
**Time mobile:** 31 December 2017 16:44:58  
**Time at scene:** 31 December 2017 16:50:59  
**Time available:** 01 January 2018 02:45:31  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M11P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 16:43:56  
**Deployed from Other Station:** Merseyside > Liverpool City  
**Time mobile:** 31 December 2017 16:44:54  
**Time at scene:** 31 December 2017 16:51:45  
**Time available:** 01 January 2018 03:14:22  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M10P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 16:57:03  
**Deployed from Other Station:** Merseyside > Liverpool City  
**Time mobile:** 31 December 2017 16:57:23  
**Time at scene:** 31 December 2017 17:02:19  
**Time available:** 31 December 2017 23:04:10  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M12P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:02:20  
**Deployed from Home Station:** Merseyside > Birkenhead  
**Time mobile:** 31 December 2017 17:03:35  
**Time at scene:** 31 December 2017 17:16:24  
**Time available:** 01 January 2018 05:10:18  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M20P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:02:22  
**Deployed from Home Station:** Merseyside > Old Swan  
**Time mobile:** 31 December 2017 17:03:40  
**Time at scene:** 31 December 2017 17:14:48  
**Time available:** 31 December 2017 22:40:31  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M16P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:02:27  
**Deployed from Other Station:** Merseyside > Toxteth  
**Time mobile:** 31 December 2017 17:02:33  
**Time at scene:** 31 December 2017 17:22:08  
**Time available:** 31 December 2017 22:01:29  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M12P2

**Type:** Command - Command unit

**Time mobilised:** 31 December 2017 17:02:27  
**Deployed from Home Station:** Merseyside > Toxteth  
**Time mobile:** 31 December 2017 17:07:38  
**Time at scene:** 31 December 2017 17:18:07  
**Time available:** 01 January 2018 15:24:39  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** M15C1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:32:12  
**Deployed from Home Station:** Merseyside > Croxteth  
**Time mobile:** 31 December 2017 17:32:47  
**Time at scene:** 31 December 2017 17:49:24  
**Time available:** 01 January 2018 01:17:26  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M19P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:32:14  
**Deployed from Other Station:** Merseyside > Old Swan  
**Time mobile:** 31 December 2017 17:32:50  
**Time at scene:** 31 December 2017 17:47:33  
**Time available:** 31 December 2017 22:41:10  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M18P2

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:42:22  
**Deployed from Home Station:** Merseyside > Bromborough  
**Time mobile:** 31 December 2017 17:43:58  
**Time at scene:** 31 December 2017 17:59:33  
**Time available:** 01 January 2018 05:03:45  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M21P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:42:24  
**Deployed from Home Station:** Merseyside > Belle Vale  
**Time mobile:** 31 December 2017 17:42:36  
**Time at scene:** 31 December 2017 17:55:47  
**Time available:** 01 January 2018 00:06:19  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M17P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:42:25  
**Deployed from Home Station:** Merseyside > Crosby  
**Time mobile:** 31 December 2017 17:42:38  
**Time at scene:** 31 December 2017 17:53:40  
**Time available:** 01 January 2018 05:02:28  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M31P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 17:45:20  
**Deployed from Home Station:** Merseyside > Bootle & Netherton  
**Time mobile:** 31 December 2017 17:46:29  
**Time at scene:** 31 December 2017 17:59:18  
**Time available:** 01 January 2018 03:52:25  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M30P1

**Type:** Transport - General purpose lorry

**Time mobilised:** 31 December 2017 18:13:44  
**Deployed from Home Station:** Merseyside > Kirkdale  
**Time mobile:** 31 December 2017 18:28:33  
**Time at scene:** 31 December 2017 19:20:31  
**Time available:** 01 January 2018 15:33:34  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** MN832

**Type:** Transport - Personnel carriers

**Time mobilised:** 31 December 2017 18:14:34  
**Deployed from Home Station:** Merseyside > Kirkdale  
**Time mobile:** 31 December 2017 21:03:18  
**Time at scene:** 31 December 2017 21:03:20  
**Time available:** 31 December 2017 22:55:24  
**Demounted resource:** No  
**Number of crew:** 1  
**FRS Callsign:** M10S2

**Type:** Aerial - Other aerial appliance

**Time mobilised:** 31 December 2017 18:22:56

**Deployed from Home Station:** Merseyside > Wallasey

**Time mobile:** 31 December 2017 18:40:04

**Time at scene:** 31 December 2017 18:54:48

**Time available:** 01 January 2018 11:19:22

**Demounted resource:** No

**Number of crew:** 0

**FRS Callsign** M25A1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 18:22:56

**Deployed from Other Station:** Merseyside > Bromborough

**Time mobile:** 31 December 2017 18:23:46

**Time at scene:** 31 December 2017 18:53:00

**Time available:** 01 January 2018 07:02:09

**Demounted resource:** No

**Number of crew:** 5

**FRS Callsign** M25P1

**Type:** Support - BA lorry / BA van

**Time mobilised:** 31 December 2017 18:59:38

**Deployed from Home Station:** Merseyside > Kirkdale

**Time mobile:** 31 December 2017 18:59:38

**Time at scene:** 31 December 2017 19:10:17

**Time available:** 01 January 2018 15:43:15

**Demounted resource:** No

**Number of crew:** 0

**FRS Callsign** MN801

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 18:59:50  
**Deployed from Other Station:** Merseyside > Formby  
**Time mobile:** 31 December 2017 19:03:10  
**Time at scene:** 31 December 2017 19:37:13  
**Time available:** 31 December 2017 23:06:11  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M33P2

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 19:13:08  
**Deployed from Other Station:** Merseyside > Old Swan  
**Time mobile:** 31 December 2017 19:13:13  
**Time at scene:** 31 December 2017 19:37:29  
**Time available:** 01 January 2018 04:59:20  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M52P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 19:13:14  
**Deployed from Other Station:** Merseyside > Bromborough  
**Time mobile:** 31 December 2017 19:14:43  
**Time at scene:** 31 December 2017 20:30:22  
**Time available:** 01 January 2018 01:49:23  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M22P1

**Type:** Aerial - Other aerial appliance

**Time mobilised:** 31 December 2017 19:36:02  
**Deployed from Home Station:** Merseyside > Liverpool City  
**Time mobile:** 31 December 2017 19:36:04  
**Time at scene:** 31 December 2017 19:38:24  
**Time available:** 01 January 2018 08:43:19  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** M11A1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 19:50:41  
**Deployed from Other Station:** Merseyside > Liverpool City  
**Time mobile:** 31 December 2017 19:50:46  
**Time at scene:** 31 December 2017 19:50:48  
**Time available:** 31 December 2017 23:27:03  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M18P1

**Type:** Pumping - Heavy duty pump

**Time mobilised:** 31 December 2017 20:34:34  
**Deployed from Home Station:** Merseyside > Belle Vale  
**Time mobile:** 31 December 2017 20:34:41  
**Time at scene:** 31 December 2017 23:20:27  
**Time available:** 01 January 2018 21:19:33  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** MN991

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 20:49:06  
**Deployed from Home Station:** Merseyside > Southport  
**Time mobile:** 31 December 2017 20:49:19  
**Time at scene:** 31 December 2017 21:20:18  
**Time available:** 31 December 2017 21:46:45  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M33P1

**Type:** Aerial - Other aerial appliance

**Time mobilised:** 31 December 2017 20:49:15  
**Deployed from Home Station:** Merseyside > Southport  
**Time mobile:** 31 December 2017 20:49:43  
**Time at scene:** 31 December 2017 21:20:31  
**Time available:** 01 January 2018 14:53:24  
**Demounted resource:** No  
**Number of crew:** 2  
**FRS Callsign:** M33A1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 21:06:17  
**Deployed from Other Station:** Merseyside > Kirkdale  
**Time mobile:** 31 December 2017 21:06:21  
**Time at scene:** 31 December 2017 21:19:03  
**Time available:** 01 January 2018 14:32:19  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M15P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 21:11:20  
**Deployed from Other Station:** Merseyside > Bromborough  
**Time mobile:** 31 December 2017 21:11:42  
**Time at scene:** 31 December 2017 21:44:26  
**Time available:** 01 January 2018 04:48:35  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M51P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 21:12:23  
**Deployed from Home Station:** Merseyside > Kirkby  
**Time mobile:** 31 December 2017 21:14:04  
**Time at scene:** 31 December 2017 21:34:25  
**Time available:** 01 January 2018 03:15:45  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M42P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 21:37:36  
**Deployed from Home Station:** Merseyside > Speke/Garston  
**Time mobile:** 31 December 2017 21:37:42  
**Time at scene:** 31 December 2017 21:57:00  
**Time available:** 01 January 2018 03:34:37  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M14P1

**Type:** Pumping - Heavy duty pump

**Time mobilised:** 31 December 2017 21:55:52

**Deployed from Home Station:** Merseyside > Belle Vale

**Time mobile:** 31 December 2017 21:55:56

**Time at scene:** 31 December 2017 21:56:01

**Time available:** 01 January 2018 12:53:45

**Demounted resource:** No

**Number of crew:** 0

**FRS Callsign** HVPBOL

**Type:** Pumping - Heavy duty pump

**Time mobilised:** 31 December 2017 21:56:40

**Deployed from Home Station:** Merseyside > Belle Vale

**Time mobile:** 31 December 2017 21:56:45

**Time at scene:** 31 December 2017 22:01:25

**Time available:** 01 January 2018 12:18:38

**Demounted resource:** No

**Number of crew:** 0

**FRS Callsign** HVPBUR

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 31 December 2017 22:55:42

**Deployed from Home Station:** Merseyside > Old Swan

**Time mobile:** 31 December 2017 22:56:05

**Time at scene:** 01 January 2018 00:39:39

**Time available:** 01 January 2018 03:10:03

**Demounted resource:** No

**Number of crew:** 5

**FRS Callsign** M16P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 01:03:06  
**Deployed from Other Station:** Merseyside > Kirkby  
**Time mobile:** 01 January 2018 01:05:01  
**Time at scene:** 01 January 2018 01:33:18  
**Time available:** 01 January 2018 09:14:26  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M50P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 01:08:04  
**Deployed from Other Station:** Merseyside > Bootle & Netherton  
**Time mobile:** 01 January 2018 01:08:38  
**Time at scene:** 01 January 2018 01:28:53  
**Time available:** 01 January 2018 01:59:27  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M33P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 01:12:09  
**Deployed from Home Station:** Merseyside > Huyton (Closed)  
**Time mobile:** 01 January 2018 01:12:44  
**Time at scene:** 01 January 2018 01:40:01  
**Time available:** 01 January 2018 07:38:36  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M40P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 01:14:53  
**Deployed from Home Station:** Merseyside > Upton  
**Time mobile:** 01 January 2018 01:15:13  
**Time at scene:** 01 January 2018 01:39:55  
**Time available:** 01 January 2018 06:14:42  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M23P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 02:10:02  
**Deployed from Other Station:** Merseyside > Bootle & Netherton  
**Time mobile:** 01 January 2018 02:10:20  
**Time at scene:** 01 January 2018 02:29:21  
**Time available:** 01 January 2018 10:34:22  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** L51P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 02:26:21  
**Deployed from Other Station:** Merseyside > Speke/Garston  
**Time mobile:** 01 January 2018 02:28:53  
**Time at scene:** 01 January 2018 05:24:31  
**Time available:** 01 January 2018 06:29:07  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** E04P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 03:08:08  
**Deployed from Other Station:** Merseyside > Southport  
**Time mobile:** 01 January 2018 03:18:12  
**Time at scene:** 01 January 2018 05:33:00  
**Time available:** 01 January 2018 10:33:48  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** L50P2

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 03:10:30  
**Deployed from Other Station:** Merseyside > Speke/Garston  
**Time mobile:** 01 January 2018 03:18:20  
**Time at scene:** 01 January 2018 05:33:06  
**Time available:** 01 January 2018 10:35:17  
**Demounted resource:** No  
**Number of crew:** 0  
**FRS Callsign:** G55P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 05:52:00  
**Deployed from Home Station:** Merseyside > Southport  
**Time mobile:** 01 January 2018 05:55:34  
**Time at scene:** 01 January 2018 06:50:23  
**Time available:** 01 January 2018 07:52:10  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M33P1

**Type:** Pumping - Pump / Pump ladder

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**Time mobilised:** 01 January 2018 06:14:07  
**Deployed from Home Station:** Merseyside > Kirkby  
**Time mobile:** 01 January 2018 06:14:11  
**Time at scene:** 01 January 2018 06:36:00  
**Time available:** 01 January 2018 09:17:15  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M42P1

**Type:** Pumping - Pump / Pump ladder

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**Time mobilised:** 01 January 2018 06:18:57  
**Deployed from Home Station:** Merseyside > Liverpool City  
**Time mobile:** 01 January 2018 06:19:02  
**Time at scene:** 01 January 2018 06:30:32  
**Time available:** 01 January 2018 09:23:44  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M11P1

**Type:** Pumping - Pump / Pump ladder

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**Time mobilised:** 01 January 2018 07:00:38  
**Deployed from Home Station:** Merseyside > Belle Vale  
**Time mobile:** 01 January 2018 07:00:40  
**Time at scene:** 01 January 2018 08:13:13  
**Time available:** 01 January 2018 08:29:11  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** L12P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 08:54:08  
**Deployed from Home Station:** Merseyside > Aintree  
**Time mobile:** 01 January 2018 08:54:18  
**Time at scene:** 01 January 2018 09:16:39  
**Time available:** 01 January 2018 15:35:47  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M18P2

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 09:04:41  
**Deployed from Home Station:** Merseyside > Crosby  
**Time mobile:** 01 January 2018 09:04:46  
**Time at scene:** 01 January 2018 09:16:45  
**Time available:** 01 January 2018 14:45:00  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M31P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 09:07:15  
**Deployed from Home Station:** Merseyside > Kirkdale  
**Time mobile:** 01 January 2018 09:07:20  
**Time at scene:** 01 January 2018 09:15:43  
**Time available:** 01 January 2018 15:07:49  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M10P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 09:07:40  
**Deployed from Other Station:** Merseyside > Kensington Community  
**Time mobile:** 01 January 2018 09:07:46  
**Time at scene:** 01 January 2018 09:21:27  
**Time available:** 01 January 2018 14:46:06  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M16P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 10:29:19  
**Deployed from Home Station:** Merseyside > Liverpool City  
**Time mobile:** 01 January 2018 10:29:46  
**Time at scene:** 01 January 2018 10:29:49  
**Time available:** 01 January 2018 15:09:03  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M11P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 14:37:45  
**Deployed from Home Station:** Merseyside > Huyton (Closed)  
**Time mobile:** 01 January 2018 14:37:53  
**Time at scene:** 01 January 2018 15:05:08  
**Time available:** 01 January 2018 19:43:17  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M40P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 14:50:25  
**Deployed from Other Station:** Merseyside > Wallasey  
**Time mobile:** 01 January 2018 14:50:30  
**Time at scene:** 01 January 2018 15:04:37  
**Time available:** 02 January 2018 01:14:21  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M20P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 01 January 2018 15:35:51  
**Deployed from Home Station:** Merseyside > Heswall  
**Time mobile:** 01 January 2018 15:35:54  
**Time at scene:** 01 January 2018 16:06:16  
**Time available:** 01 January 2018 21:03:44  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M22P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 02 January 2018 00:47:06  
**Deployed from Home Station:** Merseyside > Wallasey  
**Time mobile:** 02 January 2018 00:48:09  
**Time at scene:** 02 January 2018 00:48:13  
**Time available:** 02 January 2018 00:48:15  
**Demounted resource:** No  
**Number of crew:** 5  
**FRS Callsign:** M25P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 02 January 2018 00:47:08  
**Deployed from Home Station:** Merseyside > Kirkdale  
**Time mobile:** 02 January 2018 00:47:19  
**Time at scene:** 02 January 2018 00:56:41  
**Time available:** 02 January 2018 04:58:47  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M10P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 02 January 2018 00:47:08  
**Deployed from Home Station:** Merseyside > Upton  
**Time mobile:** 02 January 2018 00:48:21  
**Time at scene:** 02 January 2018 00:50:40  
**Time available:** 02 January 2018 00:50:48  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M23P1

**Type:** Pumping - Pump / Pump ladder

**Time mobilised:** 02 January 2018 04:51:58  
**Deployed from Other Station:** Merseyside > Liverpool City  
**Time mobile:** 02 January 2018 04:52:05  
**Time at scene:** 02 January 2018 04:55:32  
**Time available:** 02 January 2018 07:36:24  
**Demounted resource:** No  
**Number of crew:** 4  
**FRS Callsign:** M10P2

► Equipment

Type	Number Used
Water Delivery - Hosereel - high pressure	1

## ► Equipment

Type	Number Used
Water Delivery - Main line/jet	12
Water Delivery - Monitor - high pressure	6
Water Delivery - Monitor - low pressure	6
HVP	3
Open Water	1
CPL as water tower	3
CAFS	1
RPE - CABA - standard duration	18
Ladders - Short extension	4
Detection/Location Equipment - Thermal imaging camera	4
Electric Saws/Cutters - Electric saws/sutters	2
Pumping Equipment - Vacuum, suction hose	4
Environment Agency Equipment - Environment agency equipment	1
Forcible Entry Tools - Axes/Hammers/Crowbars/Croppers	4

## ► Fire officers

RCC Callsign	FRS Callsign
	MS090
	MS053
	MG039
	MA028
	MB001
	MW044
	MS054
	MG018
	MS081
	MG017

► Fire officers

RCC Callsign

FRS Callsign

MS084

MS078

MS025

MA011

MS013

MS051

MG048

MW044

MG033

MS083

MS013

MS051

MW044

MG038

MG038

MS030

## Action

**Delay in commencing firefighting action:** No delay

**Main action taken by the general public prior to arrival:** None

**Main action taken by FRS personnel:** Main branch/Jet (J)

### ▶ Active safety systems

**Type:** Smoke ventilation

**Location in relation to fire:** On same floor as fire

**System operated:** Yes, but did not raise alarm

**Number operated:** 4

**Impact on fire:** Did not contain/control

**Reason system did not function as intended:** Fire in area not covered by system

### ▶ Fixed fire fighting facilities

Type	Used	Reason not working
Dry risers	Yes	
Firefighting shaft	Yes	
Smoke extraction/ventilation	Yes	

## Damage - How the fire started

**Main cause of fire:** Vehicle fire unknown cause.

**Person or action that caused the fire:** Not known

**Source of ignition:** Vehicles only - Unknown

**Powered the ignition:** Unknown

**Item that ignited first:** Not known

**Item mainly responsible for spreading fire:** Explosives, gas, chemicals - Petrol/Oil products

**Rapid fire growth caused by:** Yes, petrol/oil products

## Damage - Substances/explosions involved

<b>Dangerous substances involved:</b>	Flammable liquids
<b>Explosion:</b>	Yes
<b>Explosion due to dangerous substances:</b>	Flammable liquids
<b>Stage explosion occurred in fire:</b>	Yes, during fire
<b>Containers involved:</b>	Tank/s

## Damage - Property information

<b>Type of room/compartment fire started in:</b>	Open sided car park level 3
<b>Factors contributing to start of fire:</b>	Not known
<b>Impairment due to suspected drugs/alcohol:</b>	No
<b>Special method of building construction:</b>	None
<b>Heat and smoke damage only:</b>	No
<b>Size of fire when fire service arrived:</b>	Limited to floor of origin (not whole building)
<b>Distance from adjacent properties (m):</b>	No other property affected
<b>Distance from adjacent properties at stop (m):</b>	5 - 10 metres
<b>Damage restricted to:</b>	Affecting more than 2 floors (not whole building)
<b>Extent of the fire damage at stop:</b>	Over 10,000
<b>Extent of the total area damaged (sq. m at stop):</b>	Over 10,000
<b>Approximate size of room/compartment of fire's origin(sq. m):</b>	2,001 - 5,000
<b>Approximate size of floor at fire's origin (sq. m):</b>	2,001 - 5,000
<b>Number of floors above ground:</b>	8
<b>Number of floors below ground:</b>	0
<b>Floor fire originated:</b>	3

## Persons

<b>Number of casualties:</b>	0
<b>Number of casualties aged 0 to 15:</b>	0
<b>Number of casualties aged 16 and over:</b>	0

## Notes

### Information Type

### Note

#### Summary

This was a multi storey, open sided concrete car park comprising ground floor and 7 upper levels. It was in full use providing car park facilities 24hrs, therefore normally occupied. Approximately 1150 cars damaged by fire, heat and smoke. Unable to identify vehicles and conduct detailed damage survey of vehicles due to instability of building.

Fire started in a vehicle on level 3. At time of arrival of FRS, it was apparent that several vehicles were already involved in fire, although it did not appear that any other adjacent properties were affected. Rapid fire development occurred on level 3 and fire spread vertically, initially via drainage system, and latterly via ramps and spalled concrete floors and ceilings. Level 3, level 4, level 5 and level 6 were 100 per cent severely damaged by fire. Level 1 and level 2 approximately 75 per cent severely damaged by fire. There was heat and smoke damage noted to the inside of the service shafts on level 7 but the rest of this level was unaffected by fire.

Nearby apartment blocks approximately 25 per cent moderately damaged by heat and smoke from fire. All persons in the car park were evacuated by Liverpool City Council and ACCL staff prior to fire service arrival.

Following multi agency meetings post incident, MFRS were advised that 32 persons had presented themselves to St John Ambulance with slight smoke inhalation. The details provided to MFRS were that these persons were outside the car park or in the Arena Conference Centre Liverpool later on in the incident and were affected by smoke from the fire and they presented themselves to St John Ambulance. They were assessed on scene. 3 persons were conveyed to Royal Liverpool Hospital by ambulance for preliminary check up. They were all discharged from hospital without the need for an overnight stay.

NB. please note that reference to explosives on page 24 refers to the fact that petrol/oil is an explosive material under certain conditions.