```
In [1]: import simpy
import pandas as pd
import numpy as np
import matplotlib as mpl
import scipy.stats as stats
import scipy
import matplotlib.pyplot as plt
```

VARIABLE DECLARATION

```
In []: | #values obtained from the project description
       block_count = 10
                                         # Number of blocks considered between London Old Oak Co
       mmon Station and Birmingham Interchange Station
       block_len = 145000/block_count # block length in meters
       n_free_blck = 1
                                         # Number of free blocks required to keep the train move fast
       er
       A = 0.76
                                          # Acceleration 0.76 m/s2
       maxV = 86.1
                                          # Max velocity of a train 86.1m/s
                                         #deceleration on optimum brake
       Op break = 0.38
       Em_brake = 2.5
                                          #deceleration on Emergency brake
                                          #time taken to accelerate to max velocity
       #ta = 113.3
                                          # distance travelled with acceleration to attain the max velo
       #da = 4878
       city
```

```
In [122]: #Helper function for calculating the time and distance for acceleration and deceleration def timeTo(a, maxV, d):

ta = maxV/a  # time to accelerate to maxV
da = a*ta**2  # distance traveled during acceleration from 0 to maxV and back to 0
if (d < da):  # train never reaches full speed?
return np.sqrt(4.0*d/a)  # time needed to accelerate to half-way point then decelerate to destination
else:
return 2*ta + (d-da)/maxV  # time to accelerate to maxV plus travel at maxV plus decelera te to destination
```

```
In [123]:
          #function for plotting and calculating the Probability distribution function
          def plot(data, xmin, xmax, pdf=None, bins=None, \mu=None, \sigma=None, title=None, xlabel=No
          ne, ylabel=None):
          #initializing the values of plot
             #setting the current axis to the plot
             fig = plt.figure()
             fig.set_figwidth(10)
             fig.set_figheight(5)
             ax = fig.gca()
             #setting the values
             \mu = np.mean(data)
             \sigma = np.std(data)
             minx = min(data)
             maxx = max(data)
             #providing the limits to the axis of the plot
             ax.set xlim(xmin, xmax)
             #title of the plot
             if title!=None:
               plt.title(title)
             #histogram plot
             plt.hist(data, bins=bins, density=True)
             # calculate parameter for text positioning
             dx=(xmax-xmin)*0.02
             ymin, ymax=plt.ylim()
             ypos=ymin+0.9*(ymax-ymin)
             # plot the probability density function if one is given
             if pdf!=None:
               #marking the limits of the plot
               X = list(np.linspace(xmin, xmax, 100))
               #marking the x inside the X limit
               Y = [pdf(x) for x in X]
               plt.plot(X, Y, lw=2, color='red')
             ax.axvline(x=\mu, color='red', linestyle='dashed', lw=2)
             plt.text(\mu+dx, ypos, f"\mu={\mu:3.2f}", color='red', fontsize=14)
             ax.axvline(x=minx, color='red', linestyle=':')
             ax.axvline(x=maxx, color='red', linestyle=':')
             plt.grid(True)
```

CREATION OF DATAFRAME FOR SIMULATION

In [124]:

#Creating a dataframe for Simulation with the normal distribution to replicate the real-time varition of drive time of the train.

df = pd.DataFrame(columns=['Line','Block','From','To','Distance','Drive Time']) mu, sigma = 3.378, 0.751 # mean and standard deviation **for** i **in** range(block_count):

operational_delay = np.random.lognormal(mu, sigma, 1) # Log normal transformation df.loc[i] = list(['HS2']) + ['Block' + str(i+1)] + ['Block' + str(i)] + ['Block' + str(i+1)] + list([block_len] + list(np.round(timeTo(A,maxV,block_len)+operational_delay,2)))

 $df.loc[o] = list(['HS2']) + ['Block' + str(1)] + ['London Old Oak'] + ['Block' + str(1)] + list([block_le n] + list(np.round(timeTo(A,maxV,block_len) + operational_delay,2)))$

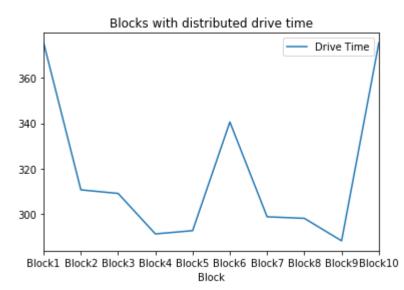
In [82]: df

Out[82]:

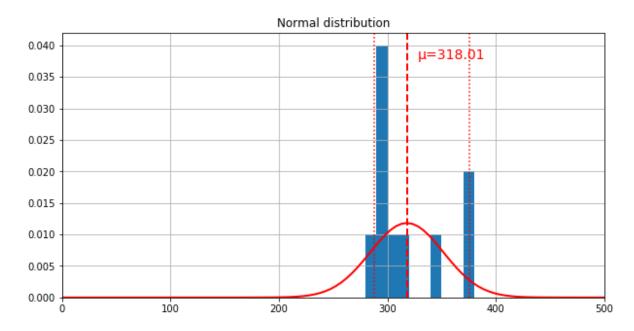
	Line	Block	From	То	Distance	Drive Time
0	HS2	Block1	London Old Oak	Block1	14500.0	375.44
1	HS2	Block2	Block1	Block2	14500.0	310.65
2	HS2	Block3	Block2	Block3	14500.0	309.08
3	HS2	Block4	Block3	Block4	14500.0	291.24
4	HS2	Block5	Block4	Block5	14500.0	292.66
5	HS2	Block6	Block5	Block6	14500.0	340.55
6	HS2	Block7	Block6	Block7	14500.0	298.78
7	HS2	Block8	Block7	Block8	14500.0	298.10
8	HS2	Block9	Block8	Block9	14500.0	288.19
9	HS2	Block10	Block9	Block10	14500.0	375.44

In [83]: df.plot.line(x='Block', y='Drive Time', title = 'Blocks with distributed drive time')

Out[83]: <matplotlib.axes._subplots.AxesSubplot at 0x1d9de427948>



1.7σ



```
In [125]: df['max a']=0.7 df['max v']=25
```

In [126]: df

Out[126]:

	Line	Block	From	То	Distance	Drive Time	max a	max v
0	HS2	Block1	London Old Oak	Block1	11153.846154	249.39	0.7	25
1	HS2	Block2	Block1	Block2	11153.846154	271.79	0.7	25
2	HS2	Block3	Block2	Block3	11153.846154	270.21	0.7	25
3	HS2	Block4	Block3	Block4	11153.846154	252.38	0.7	25
4	HS2	Block5	Block4	Block5	11153.846154	253.80	0.7	25
5	HS2	Block6	Block5	Block6	11153.846154	301.69	0.7	25
6	HS2	Block7	Block6	Block7	11153.846154	259.91	0.7	25
7	HS2	Block8	Block7	Block8	11153.846154	259.23	0.7	25
8	HS2	Block9	Block8	Block9	11153.846154	249.32	0.7	25
9	HS2	Block10	Block9	Block10	11153.846154	336.58	0.7	25
10	HS2	Block11	Block10	Block11	11153.846154	323.31	0.7	25
11	HS2	Block12	Block11	Block12	11153.846154	269.33	0.7	25
12	HS2	Block13	Block12	Block13	11153.846154	284.36	0.7	25
13	HS2	Block14	Block13	Block14	11153.846154	249.39	0.7	25

```
In [127]: #Helper class to get the current time
```

```
def daytime(t):
    t=int(t)
    return f"{t//3600:02d}:{(t%3600)//60:02d}:{t%60:02d}"
def now():
    return daytime(env.now)
```

SIMULATION

CREATING THE INFRASTRUCTURE FOR THE SIMULATION

```
In [128]:
          #BASE CLASS
          class NetworkNode:
            def <u>init</u> (self, location, line):
               self.location=location
               self.line=line
               self.tracing=False
               self.incidents=[]
             # is only used in connection with tracing
            def setTrack(self, track):
               self.track=track
            def isTracing(self):
               return self.tracing and self.track.isTracing()
            def trace(self):
               self.tracing=True
            def trace_prefix(self, train):
               global max_line_name_length
               return f"{now():s} " \
                   f"{self.line:{max_line_name_length}s} " \
                   f"[Train {train.getNo():2d}]"
            def arr(self, train):
               if self.isTracing() and train.isTracing():
                 print(f"{self.trace_prefix(train):s} arr {self.loc():s}")
                 print(f"{now():s} {self.loc():s} Signal Turns Red ")
            def dep(self, train, dest):
               if self.isTracing() and train.isTracing():
                 print(f"{self.trace_prefix(train):s} dep {self.loc():s} for {dest.loc():s}")
            def loc(self):
               return self.location
            def __str__(self):
               return self.location
            def getResource(self):
               pass
            #Incident Handling
             # trace output for incident
            def inc(self, train):
               if self.isTracing() or train.isTracing():
                 delay=self.incidentDelay()
                 message=f"#####Temporary Delay due to Electrical Malfunction### Expected delay fo
          r: {daytime(delay):s}"if delay>0 else "####Delay Cleared after the Repairing the Malfunction##
           #####"
                 print(f"{self.trace_prefix(train):s} inc {self.loc():s} {message:s}")
```

```
# registers an incident
def registerIncident(self, incident):
  self.incidents+=[incident]
# checks if there is currently an incident in progress
# if yes, it returns True otherwise False
def isIncident(self):
  for inc in self.incidents:
    if inc.active():
      return True
  return False
# if there is currently an incident in progress it returns
# the time the incident will probably continue, otherwise it returns o
def incidentDelay(self):
  stopTime=0
  for incident in self.incidents:
    if incident.active():
      stopTime=max(stopTime, incident.stopTime())
  return o if stopTime==0 else stopTime-env.now
```

Depot

```
In [129]:

class Depot(NetworkNode):
    def __init__(self, location, line):
        super().__init__(location+" (DEPOT)", line)

def driveTime(self):
    return 20

def dep(self, train, dest):
    super().dep(train, dest)

def getResource(self):
    return None
```

Station

```
In [130]: class Station(NetworkNode):
            def __init__(self, location, line):
              super().__init__(location, line)
              self.location=location
              self.line=line
              self.resource=simpy.Resource(env, capacity=1)
              dd=df[df['Line']==self.line]
              dd=dd[dd['From']==location]
              if len(dd) == 0:
                 self.drive_time=20
                 self.off_peak_dwell_time=60
                self.peak_dwell_time=60
              else:
                self.drive_time=dd.iloc[o].at['Drive Time']
            def driveTime(self):
              return self.drive_time
            def __str__(self):
              return self.location + " (" + self.location + ")"
            def getResource(self):
              return self.resource
```

Track

```
In [131]:
          class Track(object):
            total\_trains = 0
            def <u>init</u> (self, network, line, depot, stations):
               self.network=network
               self.line=line
               # extract line specific parameters
               self.start = df.at[line, 'start'][0]
               self.stop = df.at[line, 'stop'][0]
               self.freq = df.at[line, 'freq'][0]
               self.track=[depot]+stations+[depot]
               for s in self.track:
                 s.setTrack(self)
               self.tracing=False
               self.tracingTrains=False
               self.tracingTrainNos=[]
            def checkDelay(self):
               tmp_stat = self.getStations()
               for i in tmp_stat:
                 if i.isIncident():
                   return i.incidentDelay()
               return None
            def isTracing(self):
               return self.tracing and self.network.isTracing()
            def isTracingTrains(self):
               return self.tracingTrains and self.network.isTracing()
            def trace(self, loc=None, train=None):
               self.tracing=True
               if loc is None:
                 for s in self.track:
                   s.trace()
                 if train is not None:
                   self.tracingTrains=True
                   self.tracingTrainNos.append(train)
               else:
                 for s in self.track:
                   if s.loc()==loc:
                     s.trace()
                 if train is not None:
                   self.tracingTrains=True
                   self.tracingTrainNos.append(train)
            def getNetwork(self):
               return self.network
            def getLine(self):
               return self.line
            def getName(self):
```

```
if self.direction is None:
                 return self.line
               else:
                 return self.line + " ("+self.direction+")"
             def getStations(self):
               return self.track
             def process(self):
               yield env.timeout(self.start-env.now) # the line starts operating at 7am
               inc_updated = False
               for i in range(int((self.stop-self.start)/self.freq)):
                 t=Train(i, self)
                 if self.tracingTrains and i in self.tracingTrainNos:
                    t.trace()
                 env.process(t.process())
                 self.total_trains=i
                 if self.checkDelay() is not None and inc_updated == False:
                    yield env.timeout(self.checkDelay()+5)
                    inc_updated = True
                 else:
                    yield env.timeout(self.freq)
             def __str__(self):
               direction = "" if self.direction is None else " ("+self.direction+")"
               stations = " - ".join([ str(s) for s in self.track ])
               return self.line + ": " + stations
In [132]: def allStations(line):
             dl=df[df['Line']==line]
             stations=dl['From'].to_list()
             stations+=[dl['To'].to_list()[-1]]
             return [ Station(s, line) for s in stations ]
In [133]: def allTracks(network):
             lines=[]
             for line in df['Line'].unique():
               stations=[allStations(line)]
               depot = Depot(stations[o][o].loc(), line)
               l = Track(network, line, depot, stations[0])
               lines += [1]
             return lines
```

Network

```
class Network(object):
In [94]:
            def __init__(self):
              self.tracks=allTracks(self)
              self.tracing=False
              self.tracingStart=None
              self.tracingStop=None
            def getTracks(self):
              return self.tracks
            def isTracing(self):
              return self.tracing and \
                  (self.tracingStart is None or self.tracingStart<=env.now) and \
                  (self.tracingStop is None or env.now <= self.tracingStop)
            def trace(self, line=None, loc=None, train=None, start=None, stop=None):
              self.tracing = True
              self.tracingStart = parseTime(start)
              self.tracingStop = parseTime(stop)
              if line is None:
                for t in self.tracks:
                  t.trace(loc=loc, train=train)
              else:
                for t in self.tracks:
                  if t.getLine()==line:
                    t.trace(loc=loc, train=train)
            def registerIncident(self, start, stop, line=None, loc=None):
              incident = Incident(start, stop)
              for t in self.tracks:
                if line is None or t.getLine()==line:
                  for s in t.getStations():
                    if loc is None or s.loc()==loc:
                       s.registerIncident(incident)
            def process(self):
              for t in self.tracks:
                yield env.timeout(0)
                env.process(t.process())
```

Train

```
In [134]:
          class Train(object):
            total\_trains = 0
            def __init__ (self, i, track):
               self.no=i
               self.track = track
               self.tracing = False
               self.isDelay = False
               self.delayTime = 0
            def getNo(self):
               return self.no
            def isTracing(self):
               return self.track.isTracing() and \
                   (not self.track.isTracingTrains() or self.tracing)
            def trace(self):
               self.tracing=True
            def traceOff(self):
               self.tracing=False
            def process(self):
               stations = self.track.getStations()
               here = stations[0]
               here_req = None
               for dest in stations[1:]:
                 drivetime=here.driveTime()
                 if here.isIncident():
                   here.inc(self)
                   yield env.timeout(here.incidentDelay())
                   here.inc(self)
                   self.isDelay = True
                   self.delayTime = here.incidentDelay()
                 if dest.getResource() is not None:
                   dest_req = dest.getResource().request()
                   yield dest_req
                 else:
                   dest_req = None
                 # if the train doesn't get immediate access, it continues waiting
                  # if the train got access the train departs from 'here'for 'dest'
                 yield env.timeout(5) # Introducing 5 sec delay assuming that the train standing in a bloc
          k for 5 Secs
                 here.dep(self, dest)
                 # Once the train has completely left the station, the train
                 delaytime=min(drivetime, 5) # 5 Secs delay to turn the signal back to green
                 yield env.timeout(delaytime)
                 if here_req is not None:
                   print(f"{now():s} {here.loc():s} Signal Turns Green ")
                   here.getResource().release(here_req)
```

```
# the train proceeds to drive to the next station ('dest')
yield env.timeout(drivetime-delaytime)

dest.arr(self)
here = dest
here_req=dest_req
```

Helper class of Incident

```
In [135]: class Incident:
    def __init__(self, start, stop):
        self.start = parseTime(start)
        self.stop = parseTime(stop)

def active(self):
    return self.start <= env.now and env.now <= self.stop

def startTime(self):
    return self.start

def stopTime(self):
    return self.stop</pre>
In [136]: max line name length = max([len(line) for line in df['Line'].unique()])
```

Helper Functions:

```
In [137]: | #calls the current time whenever called in the function
          def daytime(t):
            t=int(t)
            return f"{t//3600:02d}:{(t%3600)//60:02d}:{t%60:02d}"
          def now():
            return daytime(env.now)
          #helps to parse the time whenever called in the functions
          def parseTime(s):
            if s is None:
              return None
            if isinstance(s, str):
              parts=s.split(':')
              if len(parts)>=2:
                hours=int(parts[o])
                minutes=int(parts[1])
                seconds=0 if len(parts)==2 else int(parts[2])
                return 3600*hours+60*minutes+seconds
            print("WARNING Parsing Error:", s)
                                                              # any wrong formats will be passed throug
          h and may cause
            return s
```

Creating the time limit of the runtime for the simulation environment

```
In [100]: df['start'] = parseTime("09:00:00")
df['stop'] = parseTime("10:00:00")
df['freq'] = np.round(df['Drive Time'].iloc[0] * n_free_blck+1,2)

df
```

Out[100]:

	Line	Block	From	То	Distance	Drive Time	max a	max v	start	stop	freq
0	HS2	Block1	London Old Oak	Block1	14500.0	375.44	0.7	25	32400	36000	376.44
1	HS2	Block2	Block1	Block2	14500.0	310.65	0.7	25	32400	36000	376.44
2	HS2	Block3	Block2	Block3	14500.0	309.08	0.7	25	32400	36000	376.44
3	HS2	Block4	Block3	Block4	14500.0	291.24	0.7	25	32400	36000	376.44
4	HS2	Block5	Block4	Block5	14500.0	292.66	0.7	25	32400	36000	376.44
5	HS2	Block6	Block5	Block6	14500.0	340.55	0.7	25	32400	36000	376.44
6	HS2	Block7	Block6	Block7	14500.0	298.78	0.7	25	32400	36000	376.44
7	HS2	Block8	Block7	Block8	14500.0	298.10	0.7	25	32400	36000	376.44
8	HS2	Block9	Block8	Block9	14500.0	288.19	0.7	25	32400	36000	376.44
9	HS2	Block10	Block9	Block10	14500.0	375.44	0.7	25	32400	36000	376.44

```
In [101]: tmp_list = list(['HS2' for i in range(block_count)])
df.set_index('Line',inplace=True)
df['Line'] = tmp_list
df
```

Out[101]:

	Block	From	То	Distance	Drive Time	max a	max v	start	stop	freq	Line
Line											
HS2	Block1	London Old Oak	Block1	14500.0	375.44	0.7	25	32400	36000	376.44	HS2
HS2	Block2	Block1	Block2	14500.0	310.65	0.7	25	32400	36000	376.44	HS2
HS2	Block3	Block2	Block3	14500.0	309.08	0.7	25	32400	36000	376.44	HS2
HS2	Block4	Block3	Block4	14500.0	291.24	0.7	25	32400	36000	376.44	HS2
HS2	Block5	Block4	Block5	14500.0	292.66	0.7	25	32400	36000	376.44	HS2
HS2	Block6	Block5	Block6	14500.0	340.55	0.7	25	32400	36000	376.44	HS2
HS2	Block7	Block6	Block7	14500.0	298.78	0.7	25	32400	36000	376.44	HS2
HS2	Block8	Block7	Block8	14500.0	298.10	0.7	25	32400	36000	376.44	HS2
HS2	Block9	Block8	Block9	14500.0	288.19	0.7	25	32400	36000	376.44	HS2
HS2	Block10	Block9	Block10	14500.0	375.44	0.7	25	32400	36000	376.44	HS2

Simulation of the Environment without any delays involved

```
In [102]: #Simulation Environment without Incident involved between 9am to 10am
    env = simpy.Environment()
    network = Network()

#network.trace(line='HS2', train=0)
    network.trace(line='HS2')

env.process(network.process())
    env.run(until=parseTime("10:00:00"))
for t in network.tracks:
    if t.getLine()=='HS2':
        print(f"Max Trains that can travel in one hour {t.total_trains+1}")
```

```
09:00:05 HS2 [Train 0] dep London Old Oak (DEPOT) for London Old Oak
09:00:25 HS2 [Train 0] arr London Old Oak
09:00:25 London Old Oak Signal Turns Red
09:00:30 HS2 [Train 0] dep London Old Oak for Block1
09:00:35 London Old Oak Signal Turns Green
09:06:21 HS2 [Train 1] dep London Old Oak (DEPOT) for London Old Oak
09:06:41 HS2 [Train 1] arr London Old Oak
09:06:41 London Old Oak Signal Turns Red
09:06:45 HS2 [Train 0] arr Block1
09:06:45 Block1 Signal Turns Red
09:06:50 HS2 [Train 0 ] dep Block1 for Block2
09:06:55 Block1 Signal Turns Green
09:07:00 HS2 [Train 1] dep London Old Oak for Block1
09:07:05 London Old Oak Signal Turns Green
09:12:01 HS2 [Train 0] arr Block2
09:12:01 Block2 Signal Turns Red
09:12:06 HS2 [Train 0] dep Block2 for Block3
09:12:11 Block2 Signal Turns Green
09:12:37 HS2 [Train 2] dep London Old Oak (DEPOT) for London Old Oak
09:12:57 HS2 [Train 2] arr London Old Oak
09:12:57 London Old Oak Signal Turns Red
09:13:15 HS2 [Train 1] arr Block1
09:13:15 Block1 Signal Turns Red
09:13:20 HS2 [Train 1] dep Block1 for Block2
09:13:25 Block1 Signal Turns Green
09:13:30 HS2 [Train 2] dep London Old Oak for Block1
09:13:35 London Old Oak Signal Turns Green
09:17:15 HS2 [Train 0] arr Block3
09:17:15 Block3 Signal Turns Red
09:17:20 HS2 [Train 0] dep Block3 for Block4
09:17:25 Block3 Signal Turns Green
09:18:31 HS2 [Train 1] arr Block2
09:18:31 Block2 Signal Turns Red
09:18:36 HS2 [Train 1] dep Block2 for Block3
09:18:41 Block2 Signal Turns Green
09:18:54 HS2 [Train 3] dep London Old Oak (DEPOT) for London Old Oak
09:19:14 HS2 [Train 3] arr London Old Oak
09:19:14 London Old Oak Signal Turns Red
09:19:46 HS2 [Train 2] arr Block1
09:19:46 Block1 Signal Turns Red
09:19:51 HS2 [Train 2] dep Block1 for Block2
09:19:56 Block1 Signal Turns Green
09:20:01 HS2 [Train 3] dep London Old Oak for Block1
09:20:06 London Old Oak Signal Turns Green
09:22:11 HS2 [Train 0] arr Block4
09:22:11 Block4 Signal Turns Red
09:22:16 HS2 [Train o ] dep Block4 for Block5
09:22:21 Block4 Signal Turns Green
09:23:45 HS2 [Train 1] arr Block3
09:23:45 Block3 Signal Turns Red
09:23:50 HS2 [Train 1] dep Block3 for Block4
09:23:55 Block3 Signal Turns Green
09:25:01 HS2 [Train 2] arr Block2
09:25:01 Block2 Signal Turns Red
09:25:06 HS2 [Train 2] dep Block2 for Block3
09:25:10 HS2 [Train 4] dep London Old Oak (DEPOT) for London Old Oak
09:25:11 Block2 Signal Turns Green
```

```
09:25:30 HS2 [Train 4] arr London Old Oak
09:25:30 London Old Oak Signal Turns Red
09:26:16 HS2 [Train 3] arr Block1
09:26:16 Block1 Signal Turns Red
09:26:21 HS2 [Train 3 ] dep Block1 for Block2
09:26:26 Block1 Signal Turns Green
09:26:31 HS2 [Train 4] dep London Old Oak for Block1
09:26:36 London Old Oak Signal Turns Green
09:27:09 HS2 [Train 0] arr Block5
09:27:09 Block Signal Turns Red
09:27:14 HS2 [Train 0] dep Block5 for Block6
09:27:19 Block5 Signal Turns Green
09:28:41 HS2 [Train 1] arr Block4
09:28:41 Block4 Signal Turns Red
09:28:46 HS2 [Train 1] dep Block4 for Block5
09:28:51 Block4 Signal Turns Green
09:30:16 HS2 [Train 2] arr Block3
09:30:16 Block3 Signal Turns Red
09:30:21 HS2 [Train 2] dep Block3 for Block4
09:30:26 Block3 Signal Turns Green
09:31:27 HS2 [Train 5] dep London Old Oak (DEPOT) for London Old Oak
09:31:32 HS2 [Train 3] arr Block2
09:31:32 Block2 Signal Turns Red
09:31:37 HS2 [Train 3] dep Block2 for Block3
09:31:42 Block2 Signal Turns Green
09:31:47 HS2 [Train 5] arr London Old Oak
09:31:47 London Old Oak Signal Turns Red
09:32:47 HS2 [Train 4] arr Block1
09:32:47 Block1 Signal Turns Red
09:32:52 HS2 [Train 4] dep Block1 for Block2
09:32:54 HS2 [Train 0] arr Block6
09:32:54 Block6 Signal Turns Red
09:32:57 Block1 Signal Turns Green
09:32:59 HS2 [Train 0 ] dep Block6 for Block7
09:33:02 HS2 [Train 5] dep London Old Oak for Block1
09:33:04 Block6 Signal Turns Green
09:33:07 London Old Oak Signal Turns Green
09:33:39 HS2 [Train 1] arr Block5
09:33:39 Block5 Signal Turns Red
09:33:44 HS2 [Train 1] dep Block5 for Block6
09:33:49 Block5 Signal Turns Green
09:35:12 HS2 [Train 2] arr Block4
09:35:12 Block4 Signal Turns Red
09:35:17 HS2 [Train 2] dep Block4 for Block5
09:35:22 Block4 Signal Turns Green
09:36:46 HS2 [Train 3] arr Block3
09:36:46 Block3 Signal Turns Red
09:36:51 HS2 [Train 3] dep Block3 for Block4
09:36:56 Block3 Signal Turns Green
09:37:43 HS2 [Train 6] dep London Old Oak (DEPOT) for London Old Oak
09:37:58 HS2 [Train 0] arr Block7
09:37:58 Block7 Signal Turns Red
09:38:02 HS2 [Train 4] arr Block2
09:38:02 Block2 Signal Turns Red
09:38:03 HS2 [Train 0 ] dep Block7 for Block8
09:38:03 HS2 [Train 6] arr London Old Oak
09:38:03 London Old Oak Signal Turns Red
```

```
09:38:07 HS2 [Train 4] dep Block2 for Block3
09:38:08 Block7 Signal Turns Green
09:38:12 Block2 Signal Turns Green
09:39:17 HS2 [Train 5] arr Block1
09:39:17 Block1 Signal Turns Red
09:39:22 HS2 [Train 5] dep Block1 for Block2
09:39:25 HS2 [Train 1] arr Block6
09:39:25 Block6 Signal Turns Red
09:39:27 Block1 Signal Turns Green
09:39:30 HS2 [Train 1] dep Block6 for Block7
09:39:32 HS2 [Train 6] dep London Old Oak for Block1
09:39:35 Block6 Signal Turns Green
09:39:37 London Old Oak Signal Turns Green
09:40:09 HS2 [Train 2] arr Block5
09:40:09 Block5 Signal Turns Red
09:40:14 HS2 [Train 2] dep Block5 for Block6
09:40:19 Block5 Signal Turns Green
09:41:42 HS2 [Train 3] arr Block4
09:41:42 Block4 Signal Turns Red
09:41:47 HS2 [Train 3] dep Block4 for Block5
09:41:52 Block4 Signal Turns Green
09:43:01 HS2 [Train 0] arr Block8
09:43:01 Block8 Signal Turns Red
09:43:06 HS2 [Train 0] dep Block8 for Block9
09:43:11 Block8 Signal Turns Green
09:43:16 HS2 [Train 4] arr Block3
09:43:16 Block3 Signal Turns Red
09:43:21 HS2 [Train 4] dep Block3 for Block4
09:43:26 Block3 Signal Turns Green
09:44:00 HS2 [Train 7] dep London Old Oak (DEPOT) for London Old Oak
09:44:20 HS2 [Train 7] arr London Old Oak
09:44:20 London Old Oak Signal Turns Red
09:44:28 HS2 [Train 1] arr Block7
09:44:28 Block7 Signal Turns Red
09:44:33 HS2 [Train 5] arr Block2
09:44:33 Block2 Signal Turns Red
09:44:33 HS2 [Train 1] dep Block7 for Block8
09:44:38 HS2 [Train 5] dep Block2 for Block3
09:44:38 Block7 Signal Turns Green
09:44:43 Block2 Signal Turns Green
09:45:48 HS2 [Train 6] arr Block1
09:45:48 Block1 Signal Turns Red
09:45:53 HS2 [Train 6] dep Block1 for Block2
09:45:55 HS2 [Train 2] arr Block6
09:45:55 Block6 Signal Turns Red
09:45:58 Block1 Signal Turns Green
09:46:00 HS2 [Train 2] dep Block6 for Block7
09:46:03 HS2 [Train 7] dep London Old Oak for Block1
09:46:05 Block6 Signal Turns Green
09:46:08 London Old Oak Signal Turns Green
09:46:40 HS2 [Train 3] arr Block5
09:46:40 Block5 Signal Turns Red
09:46:45 HS2 [Train 3] dep Block5 for Block6
09:46:50 Block5 Signal Turns Green
09:47:54 HS2 [Train 0] arr Block9
09:47:54 Block9 Signal Turns Red
09:47:59 HS2 [Train o ] dep Block9 for Block10
```

```
09:48:04 Block9 Signal Turns Green
09:48:13 HS2 [Train 4] arr Block4
09:48:13 Block4 Signal Turns Red
09:48:18 HS2 [Train 4] dep Block4 for Block5
09:48:23 Block4 Signal Turns Green
09:49:31 HS2 [Train 1] arr Block8
09:49:31 Block8 Signal Turns Red
09:49:36 HS2 [Train 1] dep Block8 for Block9
09:49:41 Block8 Signal Turns Green
09:49:47 HS2 [Train 5] arr Block3
09:49:47 Block3 Signal Turns Red
09:49:52 HS2 [Train 5] dep Block3 for Block4
09:49:57 Block3 Signal Turns Green
09:50:16 HS2 [Train 8] dep London Old Oak (DEPOT) for London Old Oak
09:50:36 HS2 [Train 8] arr London Old Oak
09:50:36 London Old Oak Signal Turns Red
09:50:59 HS2 [Train 2] arr Block7
09:50:59 Block7 Signal Turns Red
09:51:03 HS2 [Train 6] arr Block2
09:51:03 Block2 Signal Turns Red
09:51:04 HS2 [Train 2] dep Block7 for Block8
09:51:08 HS2 [Train 6] dep Block2 for Block3
09:51:09 Block7 Signal Turns Green
09:51:13 Block2 Signal Turns Green
09:52:18 HS2 [Train 7] arr Block1
09:52:18 Block1 Signal Turns Red
09:52:23 HS2 [Train 7] dep Block1 for Block2
09:52:25 HS2 [Train 3] arr Block6
09:52:25 Block6 Signal Turns Red
09:52:28 Block1 Signal Turns Green
09:52:30 HS2 [Train 3] dep Block6 for Block7
09:52:33 HS2 [Train 8] dep London Old Oak for Block1
09:52:35 Block6 Signal Turns Green
09:52:38 London Old Oak Signal Turns Green
09:53:10 HS2 [Train 4] arr Block5
09:53:10 Block5 Signal Turns Red
09:53:15 HS2 [Train 4] dep Block5 for Block6
09:53:20 Block5 Signal Turns Green
09:54:15 HS2 [Train 0] arr Block10
09:54:15 Block10 Signal Turns Red
09:54:20 HS2 [Train 0] dep Block10 for London Old Oak (DEPOT)
09:54:25 HS2 [Train 1] arr Block9
09:54:25 Block9 Signal Turns Red
09:54:25 Block10 Signal Turns Green
09:54:30 HS2 [Train 1] dep Block9 for Block10
09:54:35 Block9 Signal Turns Green
09:54:40 HS2 [Train o] arr London Old Oak (DEPOT)
09:54:40 London Old Oak (DEPOT) Signal Turns Red
09:54:43 HS2 [Train 5] arr Block4
09:54:43 Block4 Signal Turns Red
09:54:48 HS2 [Train 5] dep Block4 for Block5
09:54:53 Block4 Signal Turns Green
09:56:02 HS2 [Train 2] arr Block8
09:56:02 Block8 Signal Turns Red
09:56:07 HS2 [Train 2] dep Block8 for Block9
09:56:12 Block8 Signal Turns Green
09:56:17 HS2 [Train 6] arr Block3
```

```
09:56:17 Block3 Signal Turns Red
09:56:22 HS2 [Train 6] dep Block3 for Block4
09:56:27 Block3 Signal Turns Green
09:57:29 HS2 [Train 3] arr Block7
09:57:29 Block7 Signal Turns Red
09:57:34 HS2 [Train 7] arr Block2
09:57:34 Block2 Signal Turns Red
09:57:34 HS2 [Train 3] dep Block7 for Block8
09:57:39 HS2 [Train 7] dep Block2 for Block3
09:57:39 Block7 Signal Turns Green
09:57:44 Block2 Signal Turns Green
09:58:48 HS2 [Train 8] arr Block1
09:58:48 Block1 Signal Turns Red
09:58:53 HS2 [Train 8] dep Block1 for Block2
09:58:56 HS2 [Train 4] arr Block6
09:58:56 Block6 Signal Turns Red
09:58:58 Block1 Signal Turns Green
09:59:01 HS2 [Train 4] dep Block6 for Block7
09:59:06 Block6 Signal Turns Green
09:59:41 HS2 [Train 5] arr Block5
09:59:41 Block5 Signal Turns Red
09:59:46 HS2 [Train 5] dep Block5 for Block6
09:59:51 Block5 Signal Turns Green
Max Trains 9
```

```
In [103]: df.at['HS2','From']
```

Out[103]: array(['London Old Oak', 'Block1', 'Block2', 'Block3', 'Block4', 'Block5', 'Block6', 'Block7', 'Block8', 'Block9'], dtype=object)

VALIDATION OF SIMULATION

```
09:00:05 HS2 [Train 0] dep London Old Oak (DEPOT) for London Old Oak
09:00:25 HS2 [Train 0] arr London Old Oak
09:00:25 London Old Oak Signal Turns Red
09:00:30 HS2 [Train 0] dep London Old Oak for Block1
09:00:35 London Old Oak Signal Turns Green
09:06:45 HS2 [Train 0] arr Block1
09:06:45 Block1 Signal Turns Red
09:06:45 HS2 [Train 0] inc Block1 expected delay 00:23:14
09:30:00 HS2 [Train 0] inc Block1 incident cleared
09:30:05 HS2 [Train 0 ] dep Block1 for Block2
09:30:10 Block1 Signal Turns Green
09:30:10 HS2 [Train 1] dep London Old Oak (DEPOT) for London Old Oak
09:30:30 HS2 [Train 1] arr London Old Oak
09:30:30 London Old Oak Signal Turns Red
09:30:35 HS2 [Train 1] dep London Old Oak for Block1
09:30:40 London Old Oak Signal Turns Green
09:35:15 HS2 [Train 0] arr Block2
09:35:15 Block2 Signal Turns Red
09:35:20 HS2 [Train 0 ] dep Block2 for Block3
09:35:25 Block2 Signal Turns Green
09:36:26 HS2 [Train 2] dep London Old Oak (DEPOT) for London Old Oak
09:36:46 HS2 [Train 2] arr London Old Oak
09:36:46 London Old Oak Signal Turns Red
09:36:50 HS2 [Train 1] arr Block1
09:36:50 Block1 Signal Turns Red
09:36:55 HS2 [Train 1] dep Block1 for Block2
09:37:00 Block1 Signal Turns Green
09:37:05 HS2 [Train 2] dep London Old Oak for Block1
09:37:10 London Old Oak Signal Turns Green
09:40:29 HS2 [Train 0] arr Block3
09:40:29 Block3 Signal Turns Red
09:40:34 HS2 [Train 0] dep Block3 for Block4
09:40:39 Block3 Signal Turns Green
09:42:06 HS2 [Train 1] arr Block2
09:42:06 Block2 Signal Turns Red
09:42:11 HS2 [Train 1] dep Block2 for Block3
09:42:16 Block2 Signal Turns Green
09:42:42 HS2 [Train 3] dep London Old Oak (DEPOT) for London Old Oak
09:43:02 HS2 [Train 3] arr London Old Oak
09:43:02 London Old Oak Signal Turns Red
09:43:20 HS2 [Train 2] arr Block1
09:43:20 Block1 Signal Turns Red
09:43:25 HS2 [Train 2] dep Block1 for Block2
09:43:30 Block1 Signal Turns Green
09:43:35 HS2 [Train 3 ] dep London Old Oak for Block1
09:43:40 London Old Oak Signal Turns Green
09:45:25 HS2 [Train 0] arr Block4
09:45:25 Block4 Signal Turns Red
09:45:30 HS2 [Train 0] dep Block4 for Block5
09:45:35 Block4 Signal Turns Green
09:47:20 HS2 [Train 1] arr Block3
09:47:20 Block3 Signal Turns Red
09:47:25 HS2 [Train 1] dep Block3 for Block4
09:47:30 Block3 Signal Turns Green
09:48:36 HS2 [Train 2] arr Block2
09:48:36 Block2 Signal Turns Red
09:48:41 HS2 [Train 2] dep Block2 for Block3
```

```
09:48:46 Block2 Signal Turns Green
09:48:59 HS2 [Train 4] dep London Old Oak (DEPOT) for London Old Oak
09:49:19 HS2 [Train 4] arr London Old Oak
09:49:19 London Old Oak Signal Turns Red
09:49:51 HS2 [Train 3 ] arr Block1
09:49:51 Block1 Signal Turns Red
09:49:56 HS2 [Train 3] dep Block1 for Block2
09:50:01 Block1 Signal Turns Green
09:50:06 HS2 [Train 4] dep London Old Oak for Block1
09:50:11 London Old Oak Signal Turns Green
09:50:23 HS2 [Train 0] arr Block5
09:50:23 Block5 Signal Turns Red
09:50:28 HS2 [Train o ] dep Block5 for Block6
09:50:33 Block5 Signal Turns Green
09:52:16 HS2 [Train 1] arr Block4
09:52:16 Block4 Signal Turns Red
09:52:21 HS2 [Train 1] dep Block4 for Block5
09:52:26 Block4 Signal Turns Green
09:53:50 HS2 [Train 2] arr Block3
09:53:50 Block3 Signal Turns Red
09:53:55 HS2 [Train 2] dep Block3 for Block4
09:54:00 Block3 Signal Turns Green
09:55:06 HS2 [Train 3] arr Block2
09:55:06 Block2 Signal Turns Red
09:55:11 HS2 [Train 3] dep Block2 for Block3
09:55:15 HS2 [Train 5] dep London Old Oak (DEPOT) for London Old Oak
09:55:16 Block2 Signal Turns Green
09:55:35 HS2 [Train 5] arr London Old Oak
09:55:35 London Old Oak Signal Turns Red
09:56:09 HS2 [Train 0] arr Block6
09:56:09 Block6 Signal Turns Red
09:56:14 HS2 [Train o ] dep Block6 for Block7
09:56:19 Block6 Signal Turns Green
09:56:21 HS2 [Train 4] arr Block1
09:56:21 Block1 Signal Turns Red
09:56:26 HS2 [Train 4] dep Block1 for Block2
09:56:31 Block1 Signal Turns Green
09:56:36 HS2 [Train 5] dep London Old Oak for Block1
09:56:41 London Old Oak Signal Turns Green
09:57:14 HS2 [Train 1] arr Block5
09:57:14 Block5 Signal Turns Red
09:57:19 HS2 [Train 1] dep Block5 for Block6
09:57:24 Block5 Signal Turns Green
09:58:46 HS2 [Train 2] arr Block4
09:58:46 Block4 Signal Turns Red
09:58:51 HS2 [Train 2] dep Block4 for Block5
09:58:56 Block4 Signal Turns Green
Max Trains 6
```

OPTIMIZATION

CREATION OF DATAFRAME FOR OPTIMIZATION

```
num_blocks_arr = list(range(2,14))
max_trains = []
drive_time = []
for blck in num_blocks_arr:
      df = pd.DataFrame(columns=['Line','Block','From','To','Distance','Drive Time'])
      for i in range(blck):
           operational_delay = np.random.lognormal(mu, sigma, 1) # Log normal transformation
           df.loc[i] = list(['HS2']) + ['Block' + str(i+1)] + ['Block' + str(i)] + ['Block' + str(i+1)] + list([block' + str(i+1)] + list(
ck_len] + list(np.round(timeTo(A,maxV,block_len)+operational_delay,2)))
      df.loc[o] = list(['HS2']) + ['Block' + str(1)] + ['London Old Oak'] + ['Block' + str(1)] + list([block'])
 _len] + list(np.round(timeTo(A,maxV,block_len)+operational_delay,2)))
      #print(df)
      df['start'] = parseTime("09:00:00")
      df['stop'] = parseTime("10:00:00")
      df['freq'] = np.round(df['Drive Time'].iloc[0] * n_free_blck,2)
      tmp_list = list(['HS2' for j in range(blck)])
      df.set_index('Line',inplace=True)
      df['Line'] = tmp_list
      env = simpy.Environment()
      network = Network()
      network.trace(line='HS2')
      env.process(network.process())
      env.run(until=parseTime("10:00:00"))
      for t in network.tracks:
           if t.getLine()=='HS2':
                 max_trains.append(t.total_trains+1)
      drive_time.append(np.round(timeTo(A,maxV,block_len)+operational_delay,2)[0])
```

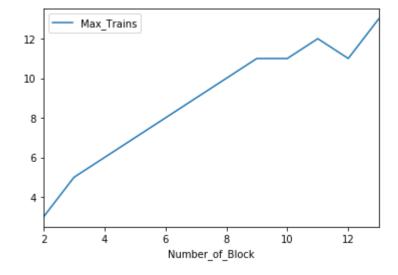
In [106]: #Dataframe for Optimization
optim_df = pd.DataFrame({'Number_of_Block':num_blocks_arr,'Max_Trains':max_trains,'driv
e_time':drive_time})
optim_df

Out[106]:

		Number_of_Block	Max_Trains	drive_time
-	0	2	3	981.83
	1	3	5	698.93
	2	4	6	573.74
	3	5	7	457.25
	4	6	8	407.38
	5	7	9	376.75
	6	8	10	333.31
	7	9	11	312.23
	8	10	11	325.37
	9	11	12	285.04
	10	12	11	304.82
	11	13	13	266.36

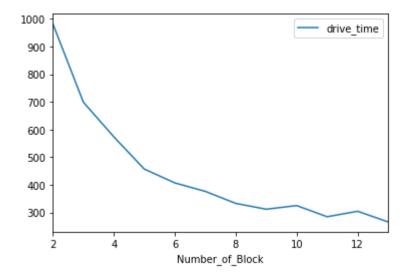
```
In [107]: #Number of Blocks vs Number of Train optim_df.plot.line(x='Number_of_Block', y='Max_Trains')
```

Out[107]: <matplotlib.axes._subplots.AxesSubplot at 0x1d9ddd8d888>



```
In [108]: #Number of Blocks vs Drive time of trains optim_df.plot.line(x='Number_of_Block', y='drive_time')
```

Out[108]: <matplotlib.axes._subplots.AxesSubplot at 0x1d9de414708>



```
In [109]: #performing regression function to equate the equation for Objective
```

from sklearn.linear_model import LinearRegression

regressor = LinearRegression()
regressor.fit(optim_df[['Number_of_Block','Max_Trains']], optim_df['drive_time'])
print(regressor.coef_)

[48.08990929 -119.40705109]

In [110]: print(regressor.intercept_)

1137.6721316179191

In []: #Objective Equation = ((48.09*Number_of_Blocks)-(119.41*Max_trains) +1037.67)

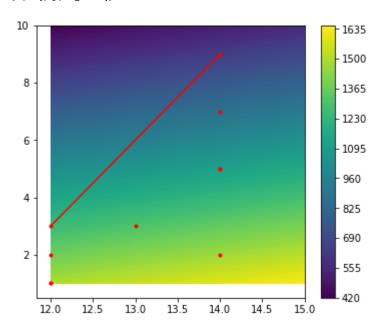
Performing Optimization using Monte Carlo

In []: Bounds of number of Blocks = 12 **and** 15
Bounds of number of trains = 1 **and** 12

In [111]: import random

```
#initializing the random seed
In [112]:
          random.seed(o)
          #Objective function
          \mathbf{def} \mathbf{f}(x,y):
            return ((48.09*x)-(119.41*y) +1037.67)
          #Function to perform Monte Carlo Optimization
          def monte_carlo(n, xmin=12, xmax=15, ymin=1, ymax=12):
            x = [random.randint(xmin, xmax) for i in range(n)]
            y = [ random.randint(ymin, ymax) for i in range(n)]
            xp = [x[o]]
            yp = [y[o]]
            fmin = f(xp[o], yp[o])
            for i in range(1, len(x)):
               fi = f(x[i], y[i])
               if fi < fmin:
                 xp += [x[i]]
                 yp += [y[i]]
                 fmin = fi
            xs = np.linspace(xmin, xmax, 100)
            ys = np.linspace(ymin, ymax, 100)
            xx, yy = np.meshgrid(xs, ys)
            z=f(xx, yy)
            fig, ax = plt.subplots(1, 1)
            fig.set_figwidth(6)
            fig.set_figheight(5)
            cs = ax.contourf(xs, ys, z, 100)
            fig.colorbar(cs, ax=ax)
            plt.scatter(x, y, c='red', marker='.')
            plt.plot(xp, yp, c='red')
            return len(xp), xp[-1], yp[-1], f(xp[-1], yp[-1])
          from numpy import random
          random.seed(100)
          sol = monte_carlo(10)
          print(sol)
```

(2, 14, 9, 636.24)



Creating a schedule of the train running between London Old Oak to Birmingham Interchange station between the time period of 7.00 a.m. to 10.00 p.m.

```
In [118]: #considering the optimal number of the block count
block_count = 14
block_len = 145000/block_count
```

Steps to be done here

- 1. Creating the simulation dataframe with the optimum block value
- 2. Running the NetworkNode class
- 3. Running the Depot class
- 4. Running the Station class
- 5. Running the Track class
- 6. Running the allStation class
- 7. Running the allTracks class
- 8. Running the Network class
- 9. Running the Train class

Setting-up the limits for the simulation environment to run the schedule

```
In [138]: df['start'] = parseTime("07:00:00")
df['stop'] = parseTime("22:00:00")
df['freq'] = np.round(df['Drive Time'].iloc[0] * n_free_blck+1,2)
df
```

Out[138]:

	Line	Block	From	То	Distance	Drive Time	max a	max v	start	stop	freq
0	HS2	Block1	London Old Oak	Block1	11153.846154	249.39	0.7	25	25200	79200	250.39
1	HS2	Block2	Block1	Block2	11153.846154	271.79	0.7	25	25200	79200	250.39
2	HS2	Block3	Block2	Block3	11153.846154	270.21	0.7	25	25200	79200	250.39
3	HS2	Block4	Block3	Block4	11153.846154	252.38	0.7	25	25200	79200	250.39
4	HS2	Block5	Block4	Block5	11153.846154	253.80	0.7	25	25200	79200	250.39
5	HS2	Block6	Block5	Block6	11153.846154	301.69	0.7	25	25200	79200	250.39
6	HS2	Block7	Block6	Block7	11153.846154	259.91	0.7	25	25200	79200	250.39
7	HS2	Block8	Block7	Block8	11153.846154	259.23	0.7	25	25200	79200	250.39
8	HS2	Block9	Block8	Block9	11153.846154	249.32	0.7	25	25200	79200	250.39
9	HS2	Block10	Block9	Block10	11153.846154	336.58	0.7	25	25200	79200	250.39
10	HS2	Block11	Block10	Block11	11153.846154	323.31	0.7	25	25200	79200	250.39
11	HS2	Block12	Block11	Block12	11153.846154	269.33	0.7	25	25200	79200	250.39
12	HS2	Block13	Block12	Block13	11153.846154	284.36	0.7	25	25200	79200	250.39
13	HS2	Block14	Block13	Block14	11153.846154	249.39	0.7	25	25200	79200	250.39

```
In [140]: tmp_list = list(['HS2' for i in range(block_count)])
df.set_index('Line',inplace=True)
df['Line'] = tmp_list
df
```

Out[140]:

	Block	From	То	Distance	Drive Time	max a	max v	start	stop	freq	Line
Line											
HS2	Block1	London Old Oak	Block1	11153.846154	249.39	0.7	25	25200	79200	250.39	HS2
HS2	Block2	Block1	Block2	11153.846154	271.79	0.7	25	25200	79200	250.39	HS2
HS2	Block3	Block2	Block3	11153.846154	270.21	0.7	25	25200	79200	250.39	HS2
HS2	Block4	Block3	Block4	11153.846154	252.38	0.7	25	25200	79200	250.39	HS2
HS2	Block5	Block4	Block5	11153.846154	253.80	0.7	25	25200	79200	250.39	HS2
HS2	Block6	Block5	Block6	11153.846154	301.69	0.7	25	25200	79200	250.39	HS2
HS2	Block7	Block6	Block7	11153.846154	259.91	0.7	25	25200	79200	250.39	HS2
HS2	Block8	Block7	Block8	11153.846154	259.23	0.7	25	25200	79200	250.39	HS2
HS2	Block9	Block8	Block9	11153.846154	249.32	0.7	25	25200	79200	250.39	HS2
HS2	Block10	Block9	Block10	11153.846154	336.58	0.7	25	25200	79200	250.39	HS2
HS2	Block11	Block10	Block11	11153.846154	323.31	0.7	25	25200	79200	250.39	HS2
HS2	Block12	Block11	Block12	11153.846154	269.33	0.7	25	25200	79200	250.39	HS2
HS2	Block13	Block12	Block13	11153.846154	284.36	0.7	25	25200	79200	250.39	HS2
HS2	Block14	Block13	Block14	11153.846154	249.39	0.7	25	25200	79200	250.39	HS2

```
07:00:05 HS2 [Train 0] dep London Old Oak (DEPOT) for London Old Oak
07:00:25 HS2 [Train 0] arr London Old Oak
07:00:25 London Old Oak Signal Turns Red
07:00:30 HS2 [Train 0] dep London Old Oak for Block1
07:00:35 London Old Oak Signal Turns Green
07:04:15 HS2 [Train 1] dep London Old Oak (DEPOT) for London Old Oak
07:04:35 HS2 [Train 1] arr London Old Oak
07:04:35 London Old Oak Signal Turns Red
07:04:39 HS2 [Train 0] arr Block1
07:04:39 Block1 Signal Turns Red
07:04:44 HS2 [Train 0 ] dep Block1 for Block2
07:04:49 Block1 Signal Turns Green
07:04:54 HS2 [Train 1] dep London Old Oak for Block1
07:04:59 London Old Oak Signal Turns Green
07:08:25 HS2 [Train 2] dep London Old Oak (DEPOT) for London Old Oak
07:08:45 HS2 [Train 2] arr London Old Oak
07:08:45 London Old Oak Signal Turns Red
07:09:03 HS2 [Train 1] arr Block1
07:09:03 Block1 Signal Turns Red
07:09:16 HS2 [Train 0] arr Block2
07:09:16 Block2 Signal Turns Red
07:09:21 HS2 [Train 0] dep Block2 for Block3
07:09:26 Block2 Signal Turns Green
07:09:31 HS2 [Train 1] dep Block1 for Block2
07:09:36 Block1 Signal Turns Green
07:09:41 HS2 [Train 2] dep London Old Oak for Block1
07:09:46 London Old Oak Signal Turns Green
07:12:36 HS2 [Train 3 ] dep London Old Oak (DEPOT) for London Old Oak
07:12:56 HS2 [Train 3] arr London Old Oak
07:12:56 London Old Oak Signal Turns Red
07:13:50 HS2 [Train 2] arr Block1
07:13:50 Block1 Signal Turns Red
07:13:51 HS2 [Train 0] arr Block3
07:13:51 Block3 Signal Turns Red
07:13:56 HS2 [Train o ] dep Block3 for Block4
07:14:01 Block3 Signal Turns Green
07:14:02 HS2 [Train 1] arr Block2
07:14:02 Block2 Signal Turns Red
07:14:07 HS2 [Train 1] dep Block2 for Block3
07:14:12 Block2 Signal Turns Green
07:14:17 HS2 [Train 2] dep Block1 for Block2
07:14:22 Block1 Signal Turns Green
07:14:27 HS2 [Train 3] dep London Old Oak for Block1
07:14:32 London Old Oak Signal Turns Green
07:16:46 HS2 [Train 4] dep London Old Oak (DEPOT) for London Old Oak
07:17:06 HS2 [Train 4] arr London Old Oak
07:17:06 London Old Oak Signal Turns Red
07:18:08 HS2 [Train 0] arr Block4
07:18:08 Block4 Signal Turns Red
07:18:13 HS2 [Train 0] dep Block4 for Block5
07:18:18 Block4 Signal Turns Green
07:18:37 HS2 [Train 3] arr Block1
07:18:37 Block1 Signal Turns Red
07:18:38 HS2 [Train 1] arr Block3
07:18:38 Block3 Signal Turns Red
07:18:43 HS2 [Train 1] dep Block3 for Block4
07:18:48 Block3 Signal Turns Green
```

```
07:18:49 HS2 [Train 2] arr Block2
07:18:49 Block2 Signal Turns Red
07:18:54 HS2 [Train 2] dep Block2 for Block3
07:18:59 Block2 Signal Turns Green
07:19:04 HS2 [Train 3 ] dep Block1 for Block2
07:19:09 Block1 Signal Turns Green
07:19:14 HS2 [Train 4] dep London Old Oak for Block1
07:19:19 London Old Oak Signal Turns Green
07:20:56 HS2 [Train 5] dep London Old Oak (DEPOT) for London Old Oak
07:21:16 HS2 [Train 5] arr London Old Oak
07:21:16 London Old Oak Signal Turns Red
07:22:27 HS2 [Train 0] arr Block5
07:22:27 Block5 Signal Turns Red
07:22:32 HS2 [Train o ] dep Block5 for Block6
07:22:37 Block5 Signal Turns Green
07:22:55 HS2 [Train 1] arr Block4
07:22:55 Block4 Signal Turns Red
07:23:00 HS2 [Train 1] dep Block4 for Block5
07:23:05 Block4 Signal Turns Green
07:23:24 HS2 [Train 4] arr Block1
07:23:24 Block1 Signal Turns Red
07:23:24 HS2 [Train 2] arr Block3
07:23:24 Block3 Signal Turns Red
07:23:29 HS2 [Train 2] dep Block3 for Block4
07:23:34 Block3 Signal Turns Green
07:23:36 HS2 [Train 3] arr Block2
07:23:36 Block2 Signal Turns Red
07:23:41 HS2 [Train 3] dep Block2 for Block3
07:23:46 Block2 Signal Turns Green
07:23:51 HS2 [Train 4] dep Block1 for Block2
07:23:56 Block1 Signal Turns Green
07:24:01 HS2 [Train 5] dep London Old Oak for Block1
07:24:06 London Old Oak Signal Turns Green
07:25:07 HS2 [Train 6] dep London Old Oak (DEPOT) for London Old Oak
07:25:27 HS2 [Train 6] arr London Old Oak
07:25:27 London Old Oak Signal Turns Red
07:27:14 HS2 [Train 1] arr Block5
07:27:14 Block5 Signal Turns Red
07:27:34 HS2 [Train o ] arr Block6
07:27:34 Block6 Signal Turns Red
07:27:39 HS2 [Train o ] dep Block6 for Block7
07:27:42 HS2 [Train 2] arr Block4
07:27:42 Block4 Signal Turns Red
07:27:44 Block6 Signal Turns Green
07:27:49 HS2 [Train 1] dep Block5 for Block6
07:27:54 Block5 Signal Turns Green
07:27:59 HS2 [Train 2] dep Block4 for Block5
07:28:04 Block4 Signal Turns Green
07:28:10 HS2 [Train 5] arr Block1
07:28:10 Block1 Signal Turns Red
07:28:11 HS2 [Train 3] arr Block3
07:28:11 Block3 Signal Turns Red
07:28:16 HS2 [Train 3] dep Block3 for Block4
07:28:21 Block3 Signal Turns Green
07:28:23 HS2 [Train 4] arr Block2
07:28:23 Block2 Signal Turns Red
07:28:28 HS2 [Train 4] dep Block2 for Block3
```

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07:28:33 Block2 Signal Turns Green
07:28:38 HS2 [Train 5] dep Block1 for Block2
07:28:43 Block1 Signal Turns Green
07:28:48 HS2 [Train 6] dep London Old Oak for Block1
07:28:53 London Old Oak Signal Turns Green
07:29:17 HS2 [Train 7] dep London Old Oak (DEPOT) for London Old Oak
07:29:37 HS2 [Train 7] arr London Old Oak
07:29:37 London Old Oak Signal Turns Red
07:31:59 HS2 [Train 0] arr Block7
07:31:59 Block7 Signal Turns Red
07:32:04 HS2 [Train o ] dep Block7 for Block8
07:32:09 Block7 Signal Turns Green
07:32:13 HS2 [Train 2] arr Block5
07:32:13 Block5 Signal Turns Red
07:32:29 HS2 [Train 3] arr Block4
07:32:29 Block4 Signal Turns Red
07:32:50 HS2 [Train 1] arr Block6
07:32:50 Block6 Signal Turns Red
07:32:55 HS2 [Train 1] dep Block6 for Block7
07:32:57 HS2 [Train 6] arr Block1
07:32:57 Block1 Signal Turns Red
07:32:58 HS2 [Train 4] arr Block3
07:32:58 Block3 Signal Turns Red
07:33:00 Block6 Signal Turns Green
07:33:05 HS2 [Train 2] dep Block5 for Block6
07:33:10 HS2 [Train 5] arr Block2
07:33:10 Block2 Signal Turns Red
07:33:10 Block5 Signal Turns Green
07:33:15 HS2 [Train 3] dep Block4 for Block5
07:33:20 Block4 Signal Turns Green
07:33:25 HS2 [Train 4] dep Block3 for Block4
07:33:30 Block3 Signal Turns Green
07:33:35 HS2 [Train 5] dep Block2 for Block3
07:33:40 Block2 Signal Turns Green
07:33:45 HS2 [Train 6] dep Block1 for Block2
07:33:50 Block1 Signal Turns Green
07:33:55 HS2 [Train 7] dep London Old Oak for Block1
07:34:00 London Old Oak Signal Turns Green
07:34:05 HS2 [Train 8] dep London Old Oak (DEPOT) for London Old Oak
07:34:25 HS2 [Train 8] arr London Old Oak
07:34:25 London Old Oak Signal Turns Red
07:36:23 HS2 [Train 0] arr Block8
07:36:23 Block8 Signal Turns Red
07:36:28 HS2 [Train o ] dep Block8 for Block9
07:36:33 Block8 Signal Turns Green
07:37:15 HS2 [Train 1] arr Block7
07:37:15 Block7 Signal Turns Red
07:37:20 HS2 [Train 1] dep Block7 for Block8
07:37:25 Block7 Signal Turns Green
07:37:29 HS2 [Train 3] arr Block5
07:37:29 Block5 Signal Turns Red
07:37:38 HS2 [Train 4] arr Block4
07:37:38 Block4 Signal Turns Red
07:38:05 HS2 [Train 7] arr Block1
07:38:05 Block1 Signal Turns Red
07:38:06 HS2 [Train 5] arr Block3
07:38:06 Block3 Signal Turns Red
```

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07:38:07 HS2 [Train 2] arr Block6
07:38:07 Block6 Signal Turns Red
07:38:12 HS2 [Train 2] dep Block6 for Block7
07:38:17 Block6 Signal Turns Green
07:38:17 HS2 [Train 6] arr Block2
07:38:17 Block2 Signal Turns Red
07:38:22 HS2 [Train 3 ] dep Block5 for Block6
07:38:27 Block5 Signal Turns Green
07:38:32 HS2 [Train 4] dep Block4 for Block5
07:38:37 Block4 Signal Turns Green
07:38:42 HS2 [Train 5] dep Block3 for Block4
07:38:47 Block3 Signal Turns Green
07:38:52 HS2 [Train 6] dep Block2 for Block3
07:38:57 Block2 Signal Turns Green
07:39:02 HS2 [Train 7] dep Block1 for Block2
07:39:07 Block1 Signal Turns Green
07:39:12 HS2 [Train 8] dep London Old Oak for Block1
07:39:17 London Old Oak Signal Turns Green
07:39:22 HS2 [Train 9] dep London Old Oak (DEPOT) for London Old Oak
07:39:42 HS2 [Train 9] arr London Old Oak
07:39:42 London Old Oak Signal Turns Red
07:40:37 HS2 [Train 0] arr Block9
07:40:37 Block9 Signal Turns Red
07:40:42 HS2 [Train o ] dep Block9 for Block10
07:40:47 Block9 Signal Turns Green
07:41:40 HS2 [Train 1] arr Block8
07:41:40 Block8 Signal Turns Red
07:41:45 HS2 [Train 1] dep Block8 for Block9
07:41:50 Block8 Signal Turns Green
07:42:32 HS2 [Train 2] arr Block7
07:42:32 Block7 Signal Turns Red
07:42:37 HS2 [Train 2] dep Block7 for Block8
07:42:42 Block7 Signal Turns Green
07:42:46 HS2 [Train 4] arr Block5
07:42:46 Block5 Signal Turns Red
07:42:55 HS2 [Train 5] arr Block4
07:42:55 Block4 Signal Turns Red
07:43:22 HS2 [Train 8] arr Block1
07:43:22 Block1 Signal Turns Red
07:43:22 HS2 [Train 6] arr Block3
07:43:22 Block3 Signal Turns Red
07:43:24 HS2 [Train 3] arr Block6
07:43:24 Block6 Signal Turns Red
07:43:29 HS2 [Train 3] dep Block6 for Block7
07:43:34 Block6 Signal Turns Green
07:43:34 HS2 [Train 7] arr Block2
07:43:34 Block2 Signal Turns Red
07:43:39 HS2 [Train 4] dep Block5 for Block6
07:43:44 Block5 Signal Turns Green
07:43:49 HS2 [Train 5] dep Block4 for Block5
07:43:54 Block4 Signal Turns Green
07:43:59 HS2 [Train 6] dep Block3 for Block4
07:44:04 Block3 Signal Turns Green
07:44:09 HS2 [Train 7] dep Block2 for Block3
07:44:14 Block2 Signal Turns Green
07:44:19 HS2 [Train 8] dep Block1 for Block2
07:44:24 Block1 Signal Turns Green
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07:44:29 HS2 [Train 9] dep London Old Oak for Block1
07:44:34 London Old Oak Signal Turns Green
07:44:39 HS2 [Train 10 ] dep London Old Oak (DEPOT) for London Old Oak
07:44:59 HS2 [Train 10 ] arr London Old Oak
07:44:59 London Old Oak Signal Turns Red
07:45:54 HS2 [Train 1] arr Block9
07:45:54 Block9 Signal Turns Red
07:46:19 HS2 [Train 0] arr Block10
07:46:19 Block10 Signal Turns Red
07:46:24 HS2 [Train o ] dep Block10 for Block11
07:46:29 Block10 Signal Turns Green
07:46:34 HS2 [Train 1] dep Block9 for Block10
07:46:39 Block9 Signal Turns Green
07:46:56 HS2 [Train 2] arr Block8
07:46:56 Block8 Signal Turns Red
07:47:01 HS2 [Train 2] dep Block8 for Block9
07:47:06 Block8 Signal Turns Green
07:47:49 HS2 [Train 3] arr Block7
07:47:49 Block7 Signal Turns Red
07:47:54 HS2 [Train 3] dep Block7 for Block8
07:47:59 Block7 Signal Turns Green
07:48:03 HS2 [Train 5] arr Block5
07:48:03 Block5 Signal Turns Red
07:48:11 HS2 [Train 6] arr Block4
07:48:11 Block4 Signal Turns Red
07:48:38 HS2 [Train 9] arr Block1
07:48:38 Block1 Signal Turns Red
07:48:39 HS2 [Train 7] arr Block3
07:48:39 Block3 Signal Turns Red
07:48:41 HS2 [Train 4] arr Block6
07:48:41 Block6 Signal Turns Red
07:48:46 HS2 [Train 4] dep Block6 for Block7
07:48:51 Block6 Signal Turns Green
07:48:51 HS2 [Train 8] arr Block2
07:48:51 Block2 Signal Turns Red
07:48:56 HS2 [Train 5] dep Block5 for Block6
07:49:01 Block5 Signal Turns Green
07:49:06 HS2 [Train 6] dep Block4 for Block5
07:49:11 Block4 Signal Turns Green
07:49:16 HS2 [Train 7] dep Block3 for Block4
07:49:21 Block3 Signal Turns Green
07:49:26 HS2 [Train 8] dep Block2 for Block3
07:49:31 Block2 Signal Turns Green
07:49:36 HS2 [Train 9] dep Block1 for Block2
07:49:41 Block1 Signal Turns Green
07:49:46 HS2 [Train 10 ] dep London Old Oak for Block1
07:49:51 London Old Oak Signal Turns Green
07:49:56 HS2 [Train 11] dep London Old Oak (DEPOT) for London Old Oak
07:50:16 HS2 [Train 11] arr London Old Oak
07:50:16 London Old Oak Signal Turns Red
07:51:11 HS2 [Train 2 ] arr Block9
07:51:11 Block9 Signal Turns Red
07:51:47 HS2 [Train 0] arr Block11
07:51:47 Block11 Signal Turns Red
07:51:52 HS2 [Train 0] dep Block11 for Block12
07:51:57 Block11 Signal Turns Green
07:52:10 HS2 [Train 1] arr Block10
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07:52:10 Block10 Signal Turns Red
07:52:13 HS2 [Train 3] arr Block8
07:52:13 Block8 Signal Turns Red
07:52:15 HS2 [Train 1] dep Block10 for Block11
07:52:20 Block10 Signal Turns Green
07:52:25 HS2 [Train 2] dep Block9 for Block10
07:52:30 Block9 Signal Turns Green
07:52:35 HS2 [Train 3] dep Block8 for Block9
07:52:40 Block8 Signal Turns Green
07:53:05 HS2 [Train 4] arr Block7
07:53:05 Block7 Signal Turns Red
07:53:10 HS2 [Train 4] dep Block7 for Block8
07:53:15 Block7 Signal Turns Green
07:53:19 HS2 [Train 6] arr Block5
07:53:19 Block5 Signal Turns Red
07:53:28 HS2 [Train 7] arr Block4
07:53:28 Block4 Signal Turns Red
07:53:55 HS2 [Train 10] arr Block1
07:53:55 Block1 Signal Turns Red
07:53:56 HS2 [Train 8] arr Block3
07:53:56 Block3 Signal Turns Red
07:53:57 HS2 [Train 5] arr Block6
07:53:57 Block6 Signal Turns Red
07:54:02 HS2 [Train 5] dep Block6 for Block7
07:54:07 Block6 Signal Turns Green
07:54:07 HS2 [Train 9] arr Block2
07:54:07 Block2 Signal Turns Red
07:54:12 HS2 [Train 6] dep Block5 for Block6
07:54:17 Block5 Signal Turns Green
07:54:22 HS2 [Train 7] dep Block4 for Block5
07:54:27 Block4 Signal Turns Green
07:54:32 HS2 [Train 8] dep Block3 for Block4
07:54:37 Block3 Signal Turns Green
07:54:42 HS2 [Train 9] dep Block2 for Block3
07:54:47 Block2 Signal Turns Green
07:54:52 HS2 [Train 10 ] dep Block1 for Block2
07:54:57 Block1 Signal Turns Green
07:55:02 HS2 [Train 11] dep London Old Oak for Block1
07:55:07 London Old Oak Signal Turns Green
07:55:12 HS2 [Train 12 ] dep London Old Oak (DEPOT) for London Old Oak
07:55:32 HS2 [Train 12 ] arr London Old Oak
07:55:32 London Old Oak Signal Turns Red
07:56:21 HS2 [Train 0] arr Block12
07:56:21 Block12 Signal Turns Red
07:56:26 HS2 [Train o ] dep Block12 for Block13
07:56:31 Block12 Signal Turns Green
07:56:45 HS2 [Train 3] arr Block9
07:56:45 Block9 Signal Turns Red
07:57:30 HS2 [Train 4] arr Block8
07:57:30 Block8 Signal Turns Red
07:57:39 HS2 [Train 1] arr Block11
07:57:39 Block11 Signal Turns Red
07:57:44 HS2 [Train 1] dep Block11 for Block12
07:57:49 Block11 Signal Turns Green
07:58:02 HS2 [Train 2] arr Block10
07:58:02 Block10 Signal Turns Red
07:58:07 HS2 [Train 2] dep Block10 for Block11
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07:58:12 Block10 Signal Turns Green
07:58:17 HS2 [Train 3] dep Block9 for Block10
07:58:22 Block9 Signal Turns Green
07:58:22 HS2 [Train 5] arr Block7
07:58:22 Block7 Signal Turns Red
07:58:27 HS2 [Train 4] dep Block8 for Block9
07:58:32 Block8 Signal Turns Green
07:58:36 HS2 [Train 7] arr Block5
07:58:36 Block5 Signal Turns Red
07:58:37 HS2 [Train 5] dep Block7 for Block8
07:58:42 Block7 Signal Turns Green
07:58:45 HS2 [Train 8] arr Block4
07:58:45 Block4 Signal Turns Red
07:59:12 HS2 [Train 11 ] arr Block1
07:59:12 Block1 Signal Turns Red
07:59:12 HS2 [Train 9] arr Block3
07:59:12 Block3 Signal Turns Red
07:59:14 HS2 [Train 6] arr Block6
07:59:14 Block6 Signal Turns Red
07:59:19 HS2 [Train 6] dep Block6 for Block7
07:59:24 Block6 Signal Turns Green
07:59:24 HS2 [Train 10 ] arr Block2
07:59:24 Block2 Signal Turns Red
07:59:29 HS2 [Train 7] dep Block5 for Block6
07:59:34 Block5 Signal Turns Green
07:59:39 HS2 [Train 8] dep Block4 for Block5
07:59:44 Block4 Signal Turns Green
07:59:49 HS2 [Train 9] dep Block3 for Block4
07:59:54 Block3 Signal Turns Green
07:59:59 HS2 [Train 10 ] dep Block2 for Block3
08:00:04 Block2 Signal Turns Green
08:00:09 HS2 [Train 11] dep Block1 for Block2
08:00:14 Block1 Signal Turns Green
08:00:19 HS2 [Train 12] dep London Old Oak for Block1
08:00:24 London Old Oak Signal Turns Green
08:00:29 HS2 [Train 13 ] dep London Old Oak (DEPOT) for London Old Oak
08:00:49 HS2 [Train 13] arr London Old Oak
08:00:49 London Old Oak Signal Turns Red
08:01:11 HS2 [Train 0] arr Block13
08:01:11 Block13 Signal Turns Red
08:01:16 HS2 [Train 0] dep Block13 for Block14
08:01:21 Block13 Signal Turns Green
08:02:13 HS2 [Train 1] arr Block12
08:02:13 Block12 Signal Turns Red
08:02:18 HS2 [Train 1] dep Block12 for Block13
08:02:23 Block12 Signal Turns Green
08:02:36 HS2 [Train 4] arr Block9
08:02:36 Block9 Signal Turns Red
08:02:56 HS2 [Train 5] arr Block8
08:02:56 Block8 Signal Turns Red
08:03:30 HS2 [Train 2] arr Block11
08:03:30 Block11 Signal Turns Red
08:03:35 HS2 [Train 2] dep Block11 for Block12
08:03:39 HS2 [Train 6] arr Block7
08:03:39 Block7 Signal Turns Red
08:03:40 Block11 Signal Turns Green
08:03:53 HS2 [Train 8] arr Block5
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08:03:53 Block5 Signal Turns Red
08:03:54 HS2 [Train 3] arr Block10
08:03:54 Block10 Signal Turns Red
08:03:59 HS2 [Train 3 ] dep Block10 for Block11
08:04:01 HS2 [Train 9] arr Block4
08:04:01 Block4 Signal Turns Red
08:04:04 Block10 Signal Turns Green
08:04:09 HS2 [Train 4] dep Block9 for Block10
08:04:14 Block9 Signal Turns Green
08:04:19 HS2 [Train 5] dep Block8 for Block9
08:04:24 Block8 Signal Turns Green
08:04:28 HS2 [Train 12] arr Block1
08:04:28 Block1 Signal Turns Red
08:04:29 HS2 [Train 6] dep Block7 for Block8
08:04:29 HS2 [Train 10 ] arr Block3
08:04:29 Block3 Signal Turns Red
08:04:31 HS2 [Train 7] arr Block6
08:04:31 Block6 Signal Turns Red
08:04:34 Block7 Signal Turns Green
08:04:39 HS2 [Train 7] dep Block6 for Block7
08:04:41 HS2 [Train 11] arr Block2
08:04:41 Block2 Signal Turns Red
08:04:44 Block6 Signal Turns Green
08:04:49 HS2 [Train 8] dep Block5 for Block6
08:04:54 Block5 Signal Turns Green
08:04:59 HS2 [Train 9] dep Block4 for Block5
08:05:04 Block4 Signal Turns Green
08:05:09 HS2 [Train 10 ] dep Block3 for Block4
08:05:14 Block3 Signal Turns Green
08:05:19 HS2 [Train 11] dep Block2 for Block3
08:05:24 Block2 Signal Turns Green
08:05:25 HS2 [Train 0] arr Block14
08:05:25 Block14 Signal Turns Red
08:05:29 HS2 [Train 12 ] dep Block1 for Block2
08:05:30 HS2 [Train 0] dep Block14 for London Old Oak (DEPOT)
08:05:34 Block1 Signal Turns Green
08:05:35 Block14 Signal Turns Green
08:05:39 HS2 [Train 13 ] dep London Old Oak for Block1
08:05:44 London Old Oak Signal Turns Green
08:05:49 HS2 [Train 14] dep London Old Oak (DEPOT) for London Old Oak
08:05:50 HS2 [Train o] arr London Old Oak (DEPOT)
08:05:50 London Old Oak (DEPOT) Signal Turns Red
08:06:09 HS2 [Train 14] arr London Old Oak
08:06:09 London Old Oak Signal Turns Red
08:07:02 HS2 [Train 1] arr Block13
08:07:02 Block13 Signal Turns Red
08:07:07 HS2 [Train 1] dep Block13 for Block14
08:07:12 Block13 Signal Turns Green
08:08:05 HS2 [Train 2] arr Block12
08:08:05 Block12 Signal Turns Red
08:08:10 HS2 [Train 2] dep Block12 for Block13
08:08:15 Block12 Signal Turns Green
08:08:28 HS2 [Train 5] arr Block9
08:08:28 Block9 Signal Turns Red
08:08:48 HS2 [Train 6] arr Block8
08:08:48 Block8 Signal Turns Red
08:08:58 HS2 [Train 7] arr Block7
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08:08:58 Block7 Signal Turns Red
08:09:12 HS2 [Train 9] arr Block5
08:09:12 Block 5 Signal Turns Red
08:09:21 HS2 [Train 10 ] arr Block4
08:09:21 Block4 Signal Turns Red
08:09:22 HS2 [Train 3] arr Block11
08:09:22 Block11 Signal Turns Red
08:09:27 HS2 [Train 3 ] dep Block11 for Block12
08:09:32 Block11 Signal Turns Green
08:09:45 HS2 [Train 4] arr Block10
08:09:45 Block10 Signal Turns Red
08:09:48 HS2 [Train 13] arr Block1
08:09:48 Block1 Signal Turns Red
08:09:49 HS2 [Train 11] arr Block3
08:09:49 Block3 Signal Turns Red
08:09:50 HS2 [Train 4] dep Block10 for Block11
08:09:50 HS2 [Train 8] arr Block6
08:09:50 Block6 Signal Turns Red
08:09:55 Block10 Signal Turns Green
08:10:00 HS2 [Train 5] dep Block9 for Block10
08:10:00 HS2 [Train 12] arr Block2
08:10:00 Block2 Signal Turns Red
08:10:05 Block9 Signal Turns Green
08:10:10 HS2 [Train 6] dep Block8 for Block9
08:10:15 Block8 Signal Turns Green
08:10:20 HS2 [Train 7] dep Block7 for Block8
08:10:25 Block7 Signal Turns Green
08:10:30 HS2 [Train 8] dep Block6 for Block7
08:10:35 Block6 Signal Turns Green
08:10:40 HS2 [Train 9] dep Block5 for Block6
08:10:45 Block5 Signal Turns Green
08:10:50 HS2 [Train 10 ] dep Block4 for Block5
08:10:55 Block4 Signal Turns Green
08:11:00 HS2 [Train 11] dep Block3 for Block4
08:11:05 Block3 Signal Turns Green
08:11:10 HS2 [Train 12 ] dep Block2 for Block3
08:11:15 Block2 Signal Turns Green
08:11:17 HS2 [Train 1] arr Block14
08:11:17 Block14 Signal Turns Red
08:11:20 HS2 [Train 13 ] dep Block1 for Block2
08:11:22 HS2 [Train 1] dep Block14 for London Old Oak (DEPOT)
08:11:25 Block1 Signal Turns Green
08:11:27 Block14 Signal Turns Green
08:11:30 HS2 [Train 14] dep London Old Oak for Block1
08:11:35 London Old Oak Signal Turns Green
08:11:40 HS2 [Train 15] dep London Old Oak (DEPOT) for London Old Oak
08:11:42 HS2 [Train 1] arr London Old Oak (DEPOT)
08:11:42 London Old Oak (DEPOT) Signal Turns Red
08:12:00 HS2 [Train 15] arr London Old Oak
08:12:00 London Old Oak Signal Turns Red
08:12:54 HS2 [Train 2] arr Block13
08:12:54 Block13 Signal Turns Red
08:12:59 HS2 [Train 2] dep Block13 for Block14
08:13:04 Block13 Signal Turns Green
08:13:56 HS2 [Train 3] arr Block12
08:13:56 Block12 Signal Turns Red
08:14:01 HS2 [Train 3] dep Block12 for Block13
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```
08:14:06 Block12 Signal Turns Green
08:14:19 HS2 [Train 6] arr Block9
08:14:19 Block9 Signal Turns Red
08:14:39 HS2 [Train 7] arr Block8
08:14:39 Block8 Signal Turns Red
08:14:50 HS2 [Train 8] arr Block7
08:14:50 Block7 Signal Turns Red
08:15:04 HS2 [Train 10 ] arr Block5
08:15:04 Block5 Signal Turns Red
08:15:13 HS2 [Train 11] arr Block4
08:15:13 Block4 Signal Turns Red
08:15:13 HS2 [Train 4] arr Block11
08:15:13 Block11 Signal Turns Red
08:15:18 HS2 [Train 4] dep Block11 for Block12
08:15:23 Block11 Signal Turns Green
08:15:37 HS2 [Train 5] arr Block10
08:15:37 Block10 Signal Turns Red
08:15:40 HS2 [Train 14] arr Block1
08:15:40 Block1 Signal Turns Red
08:15:40 HS2 [Train 12] arr Block3
08:15:40 Block3 Signal Turns Red
08:15:42 HS2 [Train 5] dep Block10 for Block11
08:15:42 HS2 [Train 9] arr Block6
08:15:42 Block6 Signal Turns Red
08:15:47 Block10 Signal Turns Green
08:15:52 HS2 [Train 6] dep Block9 for Block10
08:15:52 HS2 [Train 13 ] arr Block2
08:15:52 Block2 Signal Turns Red
08:15:57 Block9 Signal Turns Green
08:16:02 HS2 [Train 7] dep Block8 for Block9
08:16:07 Block8 Signal Turns Green
08:16:12 HS2 [Train 8] dep Block7 for Block8
08:16:17 Block7 Signal Turns Green
08:16:22 HS2 [Train 9] dep Block6 for Block7
08:16:27 Block6 Signal Turns Green
08:16:32 HS2 [Train 10 ] dep Block5 for Block6
08:16:37 Block5 Signal Turns Green
08:16:42 HS2 [Train 11] dep Block4 for Block5
08:16:47 Block4 Signal Turns Green
08:16:52 HS2 [Train 12] dep Block3 for Block4
08:16:57 Block3 Signal Turns Green
08:17:02 HS2 [Train 13 ] dep Block2 for Block3
08:17:07 Block2 Signal Turns Green
08:17:08 HS2 [Train 2] arr Block14
08:17:08 Block14 Signal Turns Red
08:17:12 HS2 [Train 14] dep Block1 for Block2
08:17:13 HS2 [Train 2] dep Block14 for London Old Oak (DEPOT)
08:17:17 Block1 Signal Turns Green
08:17:18 Block14 Signal Turns Green
08:17:22 HS2 [Train 15] dep London Old Oak for Block1
08:17:27 London Old Oak Signal Turns Green
08:17:32 HS2 [Train 16] dep London Old Oak (DEPOT) for London Old Oak
08:17:33 HS2 [Train 2] arr London Old Oak (DEPOT)
08:17:33 London Old Oak (DEPOT) Signal Turns Red
08:17:52 HS2 [Train 16] arr London Old Oak
08:17:52 London Old Oak Signal Turns Red
08:18:46 HS2 [Train 3] arr Block13
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08:18:46 Block13 Signal Turns Red 08:18:51 HS2 [Train 3] dep Block13 for Block14 08:18:56 Block13 Signal Turns Green 08:19:48 HS2 [Train 4] arr Block12 08:19:48 Block12 Signal Turns Red 08:19:53 HS2 [Train 4] dep Block12 for Block13 08:19:58 Block12 Signal Turns Green 08:20:11 HS2 [Train 7] arr Block9 08:20:11 Block9 Signal Turns Red 08:20:31 HS2 [Train 8] arr Block8 08:20:31 Block8 Signal Turns Red 08:20:42 HS2 [Train 9] arr Block7 08:20:42 Block7 Signal Turns Red 08:20:56 HS2 [Train 11] arr Block5 08:20:56 Block5 Signal Turns Red 08:21:04 HS2 [Train 12] arr Block4 08:21:04 Block4 Signal Turns Red 08:21:05 HS2 [Train 5] arr Block11 08:21:05 Block11 Signal Turns Red 08:21:10 HS2 [Train 5] dep Block11 for Block12 08:21:15 Block11 Signal Turns Green 08:21:28 HS2 [Train 6] arr Block10 08:21:28 Block10 Signal Turns Red 08:21:31 HS2 [Train 15] arr Block1 08:21:31 Block1 Signal Turns Red 08:21:32 HS2 [Train 13] arr Block3 08:21:32 Block3 Signal Turns Red 08:21:33 HS2 [Train 6] dep Block10 for Block11 08:21:33 HS2 [Train 10] arr Block6 08:21:33 Block6 Signal Turns Red 08:21:38 Block10 Signal Turns Green 08:21:43 HS2 [Train 7] dep Block9 for Block10 08:21:43 HS2 [Train 14] arr Block2 08:21:43 Block2 Signal Turns Red 08:21:48 Block9 Signal Turns Green 08:21:53 HS2 [Train 8] dep Block8 for Block9 08:21:58 Block8 Signal Turns Green 08:22:03 HS2 [Train 9] dep Block7 for Block8 08:22:08 Block7 Signal Turns Green 08:22:13 HS2 [Train 10] dep Block6 for Block7 08:22:18 Block6 Signal Turns Green 08:22:23 HS2 [Train 11] dep Block5 for Block6 08:22:28 Block5 Signal Turns Green 08:22:33 HS2 [Train 12] dep Block4 for Block5 08:22:38 Block4 Signal Turns Green 08:22:43 HS2 [Train 13] dep Block3 for Block4 08:22:48 Block3 Signal Turns Green 08:22:53 HS2 [Train 14] dep Block2 for Block3 08:22:58 Block2 Signal Turns Green 08:23:00 HS2 [Train 3] arr Block14 08:23:00 Block14 Signal Turns Red 08:23:03 HS2 [Train 15] dep Block1 for Block2 08:23:05 HS2 [Train 3] dep Block14 for London Old Oak (DEPOT) 08:23:08 Block1 Signal Turns Green 08:23:10 Block14 Signal Turns Green 08:23:13 HS2 [Train 16] dep London Old Oak for Block1

08:23:18 London Old Oak Signal Turns Green

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08:23:23 HS2 [Train 17] dep London Old Oak (DEPOT) for London Old Oak
08:23:25 HS2 [Train 3] arr London Old Oak (DEPOT)
08:23:25 London Old Oak (DEPOT) Signal Turns Red
08:23:43 HS2 [Train 17] arr London Old Oak
08:23:43 London Old Oak Signal Turns Red
08:24:37 HS2 [Train 4] arr Block13
08:24:37 Block13 Signal Turns Red
08:24:42 HS2 [Train 4] dep Block13 for Block14
08:24:47 Block13 Signal Turns Green
08:25:39 HS2 [Train 5] arr Block12
08:25:39 Block12 Signal Turns Red
08:25:44 HS2 [Train 5] dep Block12 for Block13
08:25:49 Block12 Signal Turns Green
08:26:03 HS2 [Train 8] arr Block9
08:26:03 Block9 Signal Turns Red
08:26:23 HS2 [Train 9] arr Block8
08:26:23 Block8 Signal Turns Red
08:26:33 HS2 [Train 10 ] arr Block7
08:26:33 Block7 Signal Turns Red
08:26:47 HS2 [Train 12] arr Block5
08:26:47 Block 5 Signal Turns Red
08:26:56 HS2 [Train 13 ] arr Block4
08:26:56 Block4 Signal Turns Red
08:26:57 HS2 [Train 6] arr Block11
08:26:57 Block11 Signal Turns Red
08:27:02 HS2 [Train 6] dep Block11 for Block12
08:27:07 Block11 Signal Turns Green
08:27:20 HS2 [Train 7] arr Block10
08:27:20 Block10 Signal Turns Red
08:27:23 HS2 [Train 16] arr Block1
08:27:23 Block1 Signal Turns Red
08:27:23 HS2 [Train 14] arr Block3
08:27:23 Block3 Signal Turns Red
08:27:25 HS2 [Train 7] dep Block10 for Block11
08:27:25 HS2 [Train 11] arr Block6
08:27:25 Block6 Signal Turns Red
08:27:30 Block10 Signal Turns Green
08:27:35 HS2 [Train 8 ] dep Block9 for Block10
08:27:35 HS2 [Train 15 ] arr Block2
08:27:35 Block2 Signal Turns Red
08:27:40 Block9 Signal Turns Green
08:27:45 HS2 [Train 9] dep Block8 for Block9
08:27:50 Block8 Signal Turns Green
08:27:55 HS2 [Train 10 ] dep Block7 for Block8
08:28:00 Block7 Signal Turns Green
08:28:05 HS2 [Train 11] dep Block6 for Block7
08:28:10 Block6 Signal Turns Green
08:28:15 HS2 [Train 12 ] dep Block5 for Block6
08:28:20 Block5 Signal Turns Green
08:28:25 HS2 [Train 13 ] dep Block4 for Block5
08:28:30 Block4 Signal Turns Green
08:28:35 HS2 [Train 14] dep Block3 for Block4
08:28:40 Block3 Signal Turns Green
08:28:45 HS2 [Train 15] dep Block2 for Block3
08:28:50 Block2 Signal Turns Green
08:28:52 HS2 [Train 4] arr Block14
08:28:52 Block14 Signal Turns Red
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x18203621 MSO CA1 Code
08:28:55 HS2 [Train 16 ] dep Block1 for Block2
08:28:57 HS2 [Train 4] dep Block14 for London Old Oak (DEPOT)
08:29:00 Block1 Signal Turns Green
08:29:02 Block14 Signal Turns Green
08:29:05 HS2 [Train 17] dep London Old Oak for Block1
08:29:10 London Old Oak Signal Turns Green
08:29:15 HS2 [Train 18] dep London Old Oak (DEPOT) for London Old Oak
08:29:17 HS2 [Train 4] arr London Old Oak (DEPOT)
08:29:17 London Old Oak (DEPOT) Signal Turns Red
08:29:35 HS2 [Train 18 ] arr London Old Oak
08:29:35 London Old Oak Signal Turns Red
08:30:29 HS2 [Train 5] arr Block13
08:30:29 Block13 Signal Turns Red
08:30:34 HS2 [Train 5] dep Block13 for Block14
08:30:39 Block13 Signal Turns Green
08:31:31 HS2 [Train 6] arr Block12
08:31:31 Block12 Signal Turns Red
08:31:36 HS2 [Train 6] dep Block12 for Block13
08:31:41 Block12 Signal Turns Green
08:31:54 HS2 [Train 9] arr Block9
08:31:54 Block9 Signal Turns Red
08:32:14 HS2 [Train 10 ] arr Block8
08:32:14 Block8 Signal Turns Red
08:32:25 HS2 [Train 11] arr Block7
08:32:25 Block7 Signal Turns Red
08:32:39 HS2 [Train 13 ] arr Block5
08:32:39 Block5 Signal Turns Red
08:32:47 HS2 [Train 14] arr Block4
08:32:47 Block4 Signal Turns Red
08:32:48 HS2 [Train 7] arr Block11
08:32:48 Block11 Signal Turns Red
08:32:53 HS2 [Train 7] dep Block11 for Block12
08:32:58 Block11 Signal Turns Green
08:33:11 HS2 [Train 8] arr Block10
08:33:11 Block10 Signal Turns Red
08:33:14 HS2 [Train 17] arr Block1
08:33:14 Block1 Signal Turns Red
08:33:15 HS2 [Train 15] arr Block3
08:33:15 Block3 Signal Turns Red
08:33:16 HS2 [Train 8] dep Block10 for Block11
08:33:17 HS2 [Train 12] arr Block6
08:33:17 Block6 Signal Turns Red
08:33:21 Block10 Signal Turns Green
08:33:26 HS2 [Train 9] dep Block9 for Block10
08:33:27 HS2 [Train 16] arr Block2
08:33:27 Block2 Signal Turns Red
08:33:31 Block9 Signal Turns Green
08:33:36 HS2 [Train 10] dep Block8 for Block9
08:33:41 Block8 Signal Turns Green
08:33:46 HS2 [Train 11 ] dep Block7 for Block8
08:33:51 Block7 Signal Turns Green
08:33:56 HS2 [Train 12] dep Block6 for Block7
08:34:01 Block6 Signal Turns Green
08:34:06 HS2 [Train 13 ] dep Block5 for Block6
08:34:11 Block5 Signal Turns Green
08:34:16 HS2 [Train 14 ] dep Block4 for Block5
08:34:21 Block4 Signal Turns Green
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08:34:26 HS2 [Train 15 ] dep Block3 for Block4
08:34:31 Block3 Signal Turns Green
08:34:36 HS2 [Train 16] dep Block2 for Block3
08:34:41 Block2 Signal Turns Green
08:34:43 HS2 [Train 5] arr Block14
08:34:43 Block14 Signal Turns Red
08:34:46 HS2 [Train 17] dep Block1 for Block2
08:34:48 HS2 [Train 5] dep Block14 for London Old Oak (DEPOT)
08:34:51 Block1 Signal Turns Green
08:34:53 Block14 Signal Turns Green
08:34:56 HS2 [Train 18] dep London Old Oak for Block1
08:35:01 London Old Oak Signal Turns Green
08:35:06 HS2 [Train 19 ] dep London Old Oak (DEPOT) for London Old Oak
08:35:08 HS2 [Train 5] arr London Old Oak (DEPOT)
08:35:08 London Old Oak (DEPOT) Signal Turns Red
08:35:26 HS2 [Train 19] arr London Old Oak
08:35:26 London Old Oak Signal Turns Red
08:36:20 HS2 [Train 6] arr Block13
08:36:20 Block13 Signal Turns Red
08:36:25 HS2 [Train 6] dep Block13 for Block14
08:36:30 Block13 Signal Turns Green
08:37:23 HS2 [Train 7] arr Block12
08:37:23 Block12 Signal Turns Red
08:37:28 HS2 [Train 7] dep Block12 for Block13
08:37:33 Block12 Signal Turns Green
08:37:46 HS2 [Train 10] arr Block9
08:37:46 Block9 Signal Turns Red
08:38:06 HS2 [Train 11] arr Block8
08:38:06 Block8 Signal Turns Red
08:38:16 HS2 [Train 12 ] arr Block7
08:38:16 Block7 Signal Turns Red
08:38:30 HS2 [Train 14] arr Block5
08:38:30 Block5 Signal Turns Red
08:38:39 HS2 [Train 15] arr Block4
08:38:39 Block4 Signal Turns Red
08:38:40 HS2 [Train 8] arr Block11
08:38:40 Block11 Signal Turns Red
08:38:45 HS2 [Train 8 ] dep Block11 for Block12
08:38:50 Block11 Signal Turns Green
08:39:03 HS2 [Train 9] arr Block10
08:39:03 Block10 Signal Turns Red
08:39:06 HS2 [Train 18] arr Block1
08:39:06 Block1 Signal Turns Red
08:39:07 HS2 [Train 16] arr Block3
08:39:07 Block3 Signal Turns Red
08:39:08 HS2 [Train 9] dep Block10 for Block11
08:39:08 HS2 [Train 13 ] arr Block6
08:39:08 Block6 Signal Turns Red
08:39:13 Block10 Signal Turns Green
08:39:18 HS2 [Train 10 ] dep Block9 for Block10
08:39:18 HS2 [Train 17] arr Block2
08:39:18 Block2 Signal Turns Red
08:39:23 Block9 Signal Turns Green
08:39:28 HS2 [Train 11] dep Block8 for Block9
08:39:33 Block8 Signal Turns Green
08:39:38 HS2 [Train 12 ] dep Block7 for Block8
08:39:43 Block7 Signal Turns Green
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08:39:48 HS2 [Train 13 ] dep Block6 for Block7
08:39:53 Block6 Signal Turns Green
08:39:58 HS2 [Train 14] dep Block5 for Block6
08:40:03 Block5 Signal Turns Green
08:40:08 HS2 [Train 15] dep Block4 for Block5
08:40:13 Block4 Signal Turns Green
08:40:18 HS2 [Train 16] dep Block3 for Block4
08:40:23 Block3 Signal Turns Green
08:40:28 HS2 [Train 17] dep Block2 for Block3
08:40:33 Block2 Signal Turns Green
08:40:35 HS2 [Train 6] arr Block14
08:40:35 Block14 Signal Turns Red
08:40:38 HS2 [Train 18] dep Block1 for Block2
08:40:40 HS2 [Train 6] dep Block14 for London Old Oak (DEPOT)
08:40:43 Block1 Signal Turns Green
08:40:45 Block14 Signal Turns Green
08:40:48 HS2 [Train 19] dep London Old Oak for Block1
08:40:53 London Old Oak Signal Turns Green
08:40:58 HS2 [Train 20 ] dep London Old Oak (DEPOT) for London Old Oak
08:41:00 HS2 [Train 6] arr London Old Oak (DEPOT)
08:41:00 London Old Oak (DEPOT) Signal Turns Red
08:41:18 HS2 [Train 20 ] arr London Old Oak
08:41:18 London Old Oak Signal Turns Red
08:42:12 HS2 [Train 7] arr Block13
08:42:12 Block13 Signal Turns Red
08:42:17 HS2 [Train 7] dep Block13 for Block14
08:42:22 Block13 Signal Turns Green
08:43:14 HS2 [Train 8] arr Block12
08:43:14 Block12 Signal Turns Red
08:43:19 HS2 [Train 8] dep Block12 for Block13
08:43:24 Block12 Signal Turns Green
08:43:37 HS2 [Train 11] arr Block9
08:43:37 Block9 Signal Turns Red
08:43:57 HS2 [Train 12] arr Block8
08:43:57 Block8 Signal Turns Red
08:44:08 HS2 [Train 13] arr Block7
08:44:08 Block7 Signal Turns Red
08:44:22 HS2 [Train 15] arr Block5
08:44:22 Block Signal Turns Red
08:44:30 HS2 [Train 16] arr Block4
08:44:30 Block4 Signal Turns Red
08:44:31 HS2 [Train 9] arr Block11
08:44:31 Block11 Signal Turns Red
08:44:36 HS2 [Train 9] dep Block11 for Block12
08:44:41 Block11 Signal Turns Green
08:44:55 HS2 [Train 10 ] arr Block10
08:44:55 Block10 Signal Turns Red
08:44:57 HS2 [Train 19] arr Block1
08:44:57 Block1 Signal Turns Red
08:44:58 HS2 [Train 17] arr Block3
08:44:58 Block3 Signal Turns Red
08:45:00 HS2 [Train 10 ] dep Block10 for Block11
08:45:00 HS2 [Train 14] arr Block6
08:45:00 Block6 Signal Turns Red
08:45:05 Block10 Signal Turns Green
08:45:10 HS2 [Train 11 ] dep Block9 for Block10
08:45:10 HS2 [Train 18] arr Block2
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08:45:10 Block2 Signal Turns Red
08:45:15 Block9 Signal Turns Green
08:45:20 HS2 [Train 12] dep Block8 for Block9
08:45:25 Block8 Signal Turns Green
08:45:30 HS2 [Train 13 ] dep Block7 for Block8
08:45:35 Block7 Signal Turns Green
08:45:40 HS2 [Train 14] dep Block6 for Block7
08:45:45 Block6 Signal Turns Green
08:45:50 HS2 [Train 15] dep Block5 for Block6
08:45:55 Block5 Signal Turns Green
08:46:00 HS2 [Train 16] dep Block4 for Block5
08:46:05 Block4 Signal Turns Green
08:46:10 HS2 [Train 17] dep Block3 for Block4
08:46:15 Block3 Signal Turns Green
08:46:20 HS2 [Train 18] dep Block2 for Block3
08:46:25 Block2 Signal Turns Green
08:46:26 HS2 [Train 7] arr Block14
08:46:26 Block14 Signal Turns Red
08:46:30 HS2 [Train 19] dep Block1 for Block2
08:46:31 HS2 [Train 7] dep Block14 for London Old Oak (DEPOT)
08:46:35 Block1 Signal Turns Green
08:46:36 Block14 Signal Turns Green
08:46:40 HS2 [Train 20] dep London Old Oak for Block1
08:46:45 London Old Oak Signal Turns Green
08:46:50 HS2 [Train 21] dep London Old Oak (DEPOT) for London Old Oak
08:46:51 HS2 [Train 7] arr London Old Oak (DEPOT)
08:46:51 London Old Oak (DEPOT) Signal Turns Red
08:47:10 HS2 [Train 21] arr London Old Oak
08:47:10 London Old Oak Signal Turns Red
08:48:03 HS2 [Train 8] arr Block13
08:48:03 Block13 Signal Turns Red
08:48:08 HS2 [Train 8] dep Block13 for Block14
08:48:13 Block13 Signal Turns Green
08:49:06 HS2 [Train 9] arr Block12
08:49:06 Block12 Signal Turns Red
08:49:11 HS2 [Train 9] dep Block12 for Block13
08:49:16 Block12 Signal Turns Green
08:49:29 HS2 [Train 12] arr Block9
08:49:29 Block9 Signal Turns Red
08:49:49 HS2 [Train 13 ] arr Block8
08:49:49 Block8 Signal Turns Red
08:50:00 HS2 [Train 14] arr Block7
08:50:00 Block7 Signal Turns Red
08:50:13 HS2 [Train 16 ] arr Block5
08:50:13 Block Signal Turns Red
08:50:22 HS2 [Train 17] arr Block4
08:50:22 Block4 Signal Turns Red
08:50:23 HS2 [Train 10 ] arr Block11
08:50:23 Block11 Signal Turns Red
08:50:28 HS2 [Train 10 ] dep Block11 for Block12
08:50:33 Block11 Signal Turns Green
08:50:46 HS2 [Train 11] arr Block10
08:50:46 Block10 Signal Turns Red
08:50:49 HS2 [Train 20 ] arr Block1
08:50:49 Block1 Signal Turns Red
08:50:50 HS2 [Train 18] arr Block3
08:50:50 Block3 Signal Turns Red
```

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08:50:51 HS2 [Train 11 ] dep Block10 for Block11
08:50:51 HS2 [Train 15] arr Block6
08:50:51 Block6 Signal Turns Red
08:50:56 Block10 Signal Turns Green
08:51:01 HS2 [Train 12 ] dep Block9 for Block10
08:51:01 HS2 [Train 19] arr Block2
08:51:01 Block2 Signal Turns Red
08:51:06 Block9 Signal Turns Green
08:51:11 HS2 [Train 13] dep Block8 for Block9
08:51:16 Block8 Signal Turns Green
08:51:21 HS2 [Train 14] dep Block7 for Block8
08:51:26 Block7 Signal Turns Green
08:51:31 HS2 [Train 15 ] dep Block6 for Block7
08:51:36 Block6 Signal Turns Green
08:51:41 HS2 [Train 16] dep Block5 for Block6
08:51:46 Block5 Signal Turns Green
08:51:51 HS2 [Train 17] dep Block4 for Block5
08:51:56 Block4 Signal Turns Green
08:52:01 HS2 [Train 18] dep Block3 for Block4
08:52:06 Block3 Signal Turns Green
08:52:11 HS2 [Train 19] dep Block2 for Block3
08:52:16 Block2 Signal Turns Green
08:52:18 HS2 [Train 8] arr Block14
08:52:18 Block14 Signal Turns Red
08:52:21 HS2 [Train 20 ] dep Block1 for Block2
08:52:23 HS2 [Train 8] dep Block14 for London Old Oak (DEPOT)
08:52:26 Block1 Signal Turns Green
08:52:28 Block14 Signal Turns Green
08:52:31 HS2 [Train 21] dep London Old Oak for Block1
08:52:36 London Old Oak Signal Turns Green
08:52:41 HS2 [Train 22] dep London Old Oak (DEPOT) for London Old Oak
08:52:43 HS2 [Train 8] arr London Old Oak (DEPOT)
08:52:43 London Old Oak (DEPOT) Signal Turns Red
08:53:01 HS2 [Train 22 ] arr London Old Oak
08:53:01 London Old Oak Signal Turns Red
08:53:55 HS2 [Train 9] arr Block13
08:53:55 Block13 Signal Turns Red
08:54:00 HS2 [Train 9] dep Block13 for Block14
08:54:05 Block13 Signal Turns Green
08:54:57 HS2 [Train 10 ] arr Block12
08:54:57 Block12 Signal Turns Red
08:55:02 HS2 [Train 10 ] dep Block12 for Block13
08:55:07 Block12 Signal Turns Green
08:55:21 HS2 [Train 13 ] arr Block9
08:55:21 Block9 Signal Turns Red
08:55:40 HS2 [Train 14] arr Block8
08:55:40 Block8 Signal Turns Red
08:55:51 HS2 [Train 15] arr Block7
08:55:51 Block7 Signal Turns Red
08:56:05 HS2 [Train 17] arr Block5
08:56:05 Block5 Signal Turns Red
08:56:14 HS2 [Train 18] arr Block4
08:56:14 Block4 Signal Turns Red
08:56:14 HS2 [Train 11] arr Block11
08:56:14 Block11 Signal Turns Red
08:56:19 HS2 [Train 11 ] dep Block11 for Block12
08:56:24 Block11 Signal Turns Green
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08:56:38 HS2 [Train 12 ] arr Block10
08:56:38 Block10 Signal Turns Red
08:56:41 HS2 [Train 21] arr Block1
08:56:41 Block1 Signal Turns Red
08:56:41 HS2 [Train 19] arr Block3
08:56:41 Block3 Signal Turns Red
08:56:43 HS2 [Train 12 ] dep Block10 for Block11
08:56:43 HS2 [Train 16] arr Block6
08:56:43 Block6 Signal Turns Red
08:56:48 Block10 Signal Turns Green
08:56:53 HS2 [Train 13 ] dep Block9 for Block10
08:56:53 HS2 [Train 20] arr Block2
08:56:53 Block2 Signal Turns Red
08:56:58 Block9 Signal Turns Green
08:57:03 HS2 [Train 14] dep Block8 for Block9
08:57:08 Block8 Signal Turns Green
08:57:13 HS2 [Train 15 ] dep Block7 for Block8
08:57:18 Block7 Signal Turns Green
08:57:23 HS2 [Train 16] dep Block6 for Block7
08:57:28 Block6 Signal Turns Green
08:57:33 HS2 [Train 17] dep Block5 for Block6
08:57:38 Block5 Signal Turns Green
08:57:43 HS2 [Train 18] dep Block4 for Block5
08:57:48 Block4 Signal Turns Green
08:57:53 HS2 [Train 19] dep Block3 for Block4
08:57:58 Block3 Signal Turns Green
08:58:03 HS2 [Train 20 ] dep Block2 for Block3
08:58:08 Block2 Signal Turns Green
08:58:09 HS2 [Train 9] arr Block14
08:58:09 Block14 Signal Turns Red
08:58:13 HS2 [Train 21 ] dep Block1 for Block2
08:58:14 HS2 [Train 9] dep Block14 for London Old Oak (DEPOT)
08:58:18 Block1 Signal Turns Green
08:58:19 Block14 Signal Turns Green
08:58:23 HS2 [Train 22 ] dep London Old Oak for Block1
08:58:28 London Old Oak Signal Turns Green
08:58:33 HS2 [Train 23 ] dep London Old Oak (DEPOT) for London Old Oak
08:58:34 HS2 [Train 9] arr London Old Oak (DEPOT)
08:58:34 London Old Oak (DEPOT) Signal Turns Red
08:58:53 HS2 [Train 23 ] arr London Old Oak
08:58:53 London Old Oak Signal Turns Red
08:59:47 HS2 [Train 10 ] arr Block13
08:59:47 Block13 Signal Turns Red
08:59:52 HS2 [Train 10 ] dep Block13 for Block14
08:59:57 Block13 Signal Turns Green
09:00:49 HS2 [Train 11] arr Block12
09:00:49 Block12 Signal Turns Red
09:00:54 HS2 [Train 11 ] dep Block12 for Block13
09:00:59 Block12 Signal Turns Green
09:01:12 HS2 [Train 14] arr Block9
09:01:12 Block9 Signal Turns Red
09:01:32 HS2 [Train 15] arr Block8
09:01:32 Block8 Signal Turns Red
09:01:43 HS2 [Train 16 ] arr Block7
09:01:43 Block7 Signal Turns Red
09:01:57 HS2 [Train 18] arr Block5
09:01:57 Block5 Signal Turns Red
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09:02:05 HS2 [Train 19] arr Block4
09:02:05 Block4 Signal Turns Red
09:02:06 HS2 [Train 12 ] arr Block11
09:02:06 Block11 Signal Turns Red
09:02:11 HS2 [Train 12 ] dep Block11 for Block12
09:02:16 Block11 Signal Turns Green
09:02:29 HS2 [Train 13 ] arr Block10
09:02:29 Block10 Signal Turns Red
09:02:32 HS2 [Train 22] arr Block1
09:02:32 Block1 Signal Turns Red
09:02:32 HS2 [Train 22] inc Block1 expected delay 00:27:27
09:02:33 HS2 [Train 20 ] arr Block3
09:02:33 Block3 Signal Turns Red
09:02:34 HS2 [Train 13 ] dep Block10 for Block11
09:02:34 HS2 [Train 17] arr Block6
09:02:34 Block6 Signal Turns Red
09:02:39 Block10 Signal Turns Green
09:02:44 HS2 [Train 14 ] dep Block9 for Block10
09:02:45 HS2 [Train 21] arr Block2
09:02:45 Block2 Signal Turns Red
09:02:49 Block9 Signal Turns Green
09:02:54 HS2 [Train 15 ] dep Block8 for Block9
09:02:59 Block8 Signal Turns Green
09:03:04 HS2 [Train 16] dep Block7 for Block8
09:03:09 Block7 Signal Turns Green
09:03:14 HS2 [Train 17] dep Block6 for Block7
09:03:19 Block6 Signal Turns Green
09:03:24 HS2 [Train 18] dep Block5 for Block6
09:03:29 Block5 Signal Turns Green
09:03:34 HS2 [Train 19] dep Block4 for Block5
09:03:39 Block4 Signal Turns Green
09:03:44 HS2 [Train 20 ] dep Block3 for Block4
09:03:49 Block3 Signal Turns Green
09:03:54 HS2 [Train 21] dep Block2 for Block3
09:03:59 Block2 Signal Turns Green
09:04:01 HS2 [Train 10 ] arr Block14
09:04:01 Block14 Signal Turns Red
09:04:06 HS2 [Train 10 ] dep Block14 for London Old Oak (DEPOT)
09:04:11 Block14 Signal Turns Green
09:04:26 HS2 [Train 10] arr London Old Oak (DEPOT)
09:04:26 London Old Oak (DEPOT) Signal Turns Red
09:05:38 HS2 [Train 11] arr Block13
09:05:38 Block13 Signal Turns Red
09:05:43 HS2 [Train 11 ] dep Block13 for Block14
09:05:48 Block13 Signal Turns Green
09:06:40 HS2 [Train 12 ] arr Block12
09:06:40 Block12 Signal Turns Red
09:06:45 HS2 [Train 12 ] dep Block12 for Block13
09:06:50 Block12 Signal Turns Green
09:07:04 HS2 [Train 15] arr Block9
09:07:04 Block9 Signal Turns Red
09:07:24 HS2 [Train 16] arr Block8
09:07:24 Block8 Signal Turns Red
09:07:34 HS2 [Train 17] arr Block7
09:07:34 Block7 Signal Turns Red
09:07:48 HS2 [Train 19] arr Block5
09:07:48 Block Signal Turns Red
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09:07:57 HS2 [Train 20 ] arr Block4
09:07:57 Block4 Signal Turns Red
09:07:58 HS2 [Train 13] arr Block11
09:07:58 Block11 Signal Turns Red
09:08:03 HS2 [Train 13 ] dep Block11 for Block12
09:08:08 Block11 Signal Turns Green
09:08:21 HS2 [Train 14] arr Block10
09:08:21 Block10 Signal Turns Red
09:08:25 HS2 [Train 21] arr Block3
09:08:25 Block3 Signal Turns Red
09:08:26 HS2 [Train 14 ] dep Block10 for Block11
09:08:26 HS2 [Train 18] arr Block6
09:08:26 Block6 Signal Turns Red
09:08:31 Block10 Signal Turns Green
09:08:36 HS2 [Train 15] dep Block9 for Block10
09:08:41 Block9 Signal Turns Green
09:08:46 HS2 [Train 16] dep Block8 for Block9
09:08:51 Block8 Signal Turns Green
09:08:56 HS2 [Train 17] dep Block7 for Block8
09:09:01 Block7 Signal Turns Green
09:09:06 HS2 [Train 18] dep Block6 for Block7
09:09:11 Block6 Signal Turns Green
09:09:16 HS2 [Train 19] dep Block5 for Block6
09:09:21 Block5 Signal Turns Green
09:09:26 HS2 [Train 20] dep Block4 for Block5
09:09:31 Block4 Signal Turns Green
09:09:36 HS2 [Train 21] dep Block3 for Block4
09:09:41 Block3 Signal Turns Green
09:09:53 HS2 [Train 11] arr Block14
09:09:53 Block14 Signal Turns Red
09:09:58 HS2 [Train 11] dep Block14 for London Old Oak (DEPOT)
09:10:03 Block14 Signal Turns Green
09:10:18 HS2 [Train 11] arr London Old Oak (DEPOT)
09:10:18 London Old Oak (DEPOT) Signal Turns Red
09:11:30 HS2 [Train 12] arr Block13
09:11:30 Block13 Signal Turns Red
09:11:35 HS2 [Train 12] dep Block13 for Block14
09:11:40 Block13 Signal Turns Green
09:12:32 HS2 [Train 13 ] arr Block12
09:12:32 Block12 Signal Turns Red
09:12:37 HS2 [Train 13 ] dep Block12 for Block13
09:12:42 Block12 Signal Turns Green
09:12:55 HS2 [Train 16] arr Block9
09:12:55 Block9 Signal Turns Red
09:13:15 HS2 [Train 17] arr Block8
09:13:15 Block8 Signal Turns Red
09:13:26 HS2 [Train 18] arr Block7
09:13:26 Block7 Signal Turns Red
09:13:40 HS2 [Train 20 ] arr Block5
09:13:40 Block5 Signal Turns Red
09:13:48 HS2 [Train 21] arr Block4
09:13:48 Block4 Signal Turns Red
09:13:49 HS2 [Train 14] arr Block11
09:13:49 Block11 Signal Turns Red
09:13:54 HS2 [Train 14 ] dep Block11 for Block12
09:13:59 Block11 Signal Turns Green
09:14:13 HS2 [Train 15] arr Block10
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x18203621_MSO_CA1_Code
09:14:13 Block10 Signal Turns Red
09:14:18 HS2 [Train 15 ] dep Block10 for Block11
09:14:18 HS2 [Train 19 ] arr Block6
09:14:18 Block6 Signal Turns Red
09:14:23 Block10 Signal Turns Green
09:14:28 HS2 [Train 16] dep Block9 for Block10
09:14:33 Block9 Signal Turns Green
09:14:38 HS2 [Train 17] dep Block8 for Block9
09:14:43 Block8 Signal Turns Green
09:14:48 HS2 [Train 18] dep Block7 for Block8
09:14:53 Block7 Signal Turns Green
09:14:58 HS2 [Train 19] dep Block6 for Block7
09:15:03 Block6 Signal Turns Green
09:15:08 HS2 [Train 20 ] dep Block5 for Block6
09:15:13 Block5 Signal Turns Green
09:15:18 HS2 [Train 21] dep Block4 for Block5
09:15:23 Block4 Signal Turns Green
09:15:44 HS2 [Train 12 ] arr Block14
09:15:44 Block14 Signal Turns Red
09:15:49 HS2 [Train 12] dep Block14 for London Old Oak (DEPOT)
09:15:54 Block14 Signal Turns Green
09:16:09 HS2 [Train 12] arr London Old Oak (DEPOT)
09:16:09 London Old Oak (DEPOT) Signal Turns Red
09:17:21 HS2 [Train 13 ] arr Block13
09:17:21 Block13 Signal Turns Red
09:17:26 HS2 [Train 13 ] dep Block13 for Block14
09:17:31 Block13 Signal Turns Green
09:18:24 HS2 [Train 14] arr Block12
09:18:24 Block12 Signal Turns Red
09:18:29 HS2 [Train 14 ] dep Block12 for Block13
09:18:34 Block12 Signal Turns Green
09:18:47 HS2 [Train 17] arr Block9
09:18:47 Block9 Signal Turns Red
09:19:07 HS2 [Train 18] arr Block8
09:19:07 Block8 Signal Turns Red
09:19:17 HS2 [Train 19] arr Block7
09:19:17 Block7 Signal Turns Red
09:19:31 HS2 [Train 21] arr Block5
09:19:31 Block5 Signal Turns Red
09:19:41 HS2 [Train 15] arr Block11
09:19:41 Block11 Signal Turns Red
09:19:46 HS2 [Train 15] dep Block11 for Block12
09:19:51 Block11 Signal Turns Green
09:20:04 HS2 [Train 16] arr Block10
09:20:04 Block10 Signal Turns Red
09:20:09 HS2 [Train 16 ] dep Block10 for Block11
09:20:09 HS2 [Train 20] arr Block6
09:20:09 Block6 Signal Turns Red
09:20:14 Block10 Signal Turns Green
09:20:19 HS2 [Train 17] dep Block9 for Block10
09:20:24 Block9 Signal Turns Green
09:20:29 HS2 [Train 18] dep Block8 for Block9
09:20:34 Block8 Signal Turns Green
09:20:39 HS2 [Train 19] dep Block7 for Block8
09:20:44 Block7 Signal Turns Green
09:20:49 HS2 [Train 20 ] dep Block6 for Block7
09:20:54 Block6 Signal Turns Green
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09:20:59 HS2 [Train 21] dep Block5 for Block6
09:21:04 Block5 Signal Turns Green
09:21:36 HS2 [Train 13 ] arr Block14
09:21:36 Block14 Signal Turns Red
09:21:41 HS2 [Train 13] dep Block14 for London Old Oak (DEPOT)
09:21:46 Block14 Signal Turns Green
09:22:01 HS2 [Train 13] arr London Old Oak (DEPOT)
09:22:01 London Old Oak (DEPOT) Signal Turns Red
09:23:13 HS2 [Train 14] arr Block13
09:23:13 Block13 Signal Turns Red
09:23:18 HS2 [Train 14 ] dep Block13 for Block14
09:23:23 Block13 Signal Turns Green
09:24:15 HS2 [Train 15] arr Block12
09:24:15 Block12 Signal Turns Red
09:24:20 HS2 [Train 15 ] dep Block12 for Block13
09:24:25 Block12 Signal Turns Green
09:24:38 HS2 [Train 18] arr Block9
09:24:38 Block9 Signal Turns Red
09:24:58 HS2 [Train 19] arr Block8
09:24:58 Block8 Signal Turns Red
09:25:09 HS2 [Train 20 ] arr Block7
09:25:09 Block7 Signal Turns Red
09:25:32 HS2 [Train 16 ] arr Block11
09:25:32 Block11 Signal Turns Red
09:25:37 HS2 [Train 16 ] dep Block11 for Block12
09:25:42 Block11 Signal Turns Green
09:25:56 HS2 [Train 17 ] arr Block10
09:25:56 Block10 Signal Turns Red
09:26:01 HS2 [Train 17] dep Block10 for Block11
09:26:01 HS2 [Train 21] arr Block6
09:26:01 Block6 Signal Turns Red
09:26:06 Block10 Signal Turns Green
09:26:11 HS2 [Train 18 ] dep Block9 for Block10
09:26:16 Block9 Signal Turns Green
09:26:21 HS2 [Train 19] dep Block8 for Block9
09:26:26 Block8 Signal Turns Green
09:26:31 HS2 [Train 20 ] dep Block7 for Block8
09:26:36 Block7 Signal Turns Green
09:26:41 HS2 [Train 21 ] dep Block6 for Block7
09:26:46 Block6 Signal Turns Green
09:27:27 HS2 [Train 14] arr Block14
09:27:27 Block14 Signal Turns Red
09:27:32 HS2 [Train 14 ] dep Block14 for London Old Oak (DEPOT)
09:27:37 Block14 Signal Turns Green
09:27:52 HS2 [Train 14] arr London Old Oak (DEPOT)
09:27:52 London Old Oak (DEPOT) Signal Turns Red
09:29:05 HS2 [Train 15] arr Block13
09:29:05 Block13 Signal Turns Red
09:29:10 HS2 [Train 15] dep Block13 for Block14
09:29:15 Block13 Signal Turns Green
09:30:00 HS2 [Train 22] inc Block1 incident cleared
09:30:05 HS2 [Train 22 ] dep Block1 for Block2
09:30:07 HS2 [Train 16] arr Block12
09:30:07 Block12 Signal Turns Red
09:30:10 Block1 Signal Turns Green
09:30:12 HS2 [Train 16] dep Block12 for Block13
09:30:15 HS2 [Train 23 ] dep London Old Oak for Block1
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09:30:17 Block12 Signal Turns Green
09:30:20 London Old Oak Signal Turns Green
09:30:25 HS2 [Train 24] dep London Old Oak (DEPOT) for London Old Oak
09:30:30 HS2 [Train 19] arr Block9
09:30:30 Block9 Signal Turns Red
09:30:45 HS2 [Train 24] arr London Old Oak
09:30:45 London Old Oak Signal Turns Red
09:30:50 HS2 [Train 20 ] arr Block8
09:30:50 Block8 Signal Turns Red
09:31:01 HS2 [Train 21] arr Block7
09:31:01 Block7 Signal Turns Red
09:31:24 HS2 [Train 17] arr Block11
09:31:24 Block11 Signal Turns Red
09:31:29 HS2 [Train 17] dep Block11 for Block12
09:31:34 Block11 Signal Turns Green
09:31:47 HS2 [Train 18] arr Block10
09:31:47 Block10 Signal Turns Red
09:31:52 HS2 [Train 18 ] dep Block10 for Block11
09:31:57 Block10 Signal Turns Green
09:32:02 HS2 [Train 19 ] dep Block9 for Block10
09:32:07 Block9 Signal Turns Green
09:32:12 HS2 [Train 20 ] dep Block8 for Block9
09:32:17 Block8 Signal Turns Green
09:32:22 HS2 [Train 21] dep Block7 for Block8
09:32:27 Block7 Signal Turns Green
09:33:19 HS2 [Train 15] arr Block14
09:33:19 Block14 Signal Turns Red
09:33:24 HS2 [Train 15] dep Block14 for London Old Oak (DEPOT)
09:33:29 Block14 Signal Turns Green
09:33:44 HS2 [Train 15] arr London Old Oak (DEPOT)
09:33:44 London Old Oak (DEPOT) Signal Turns Red
09:34:24 HS2 [Train 23 ] arr Block1
09:34:24 Block1 Signal Turns Red
09:34:36 HS2 [Train 22] arr Block2
09:34:36 Block2 Signal Turns Red
09:34:41 HS2 [Train 22 ] dep Block2 for Block3
09:34:46 Block2 Signal Turns Green
09:34:51 HS2 [Train 23 ] dep Block1 for Block2
09:34:56 HS2 [Train 16] arr Block13
09:34:56 Block13 Signal Turns Red
09:34:56 Block1 Signal Turns Green
09:35:01 HS2 [Train 16] dep Block13 for Block14
09:35:01 HS2 [Train 24] dep London Old Oak for Block1
09:35:06 Block13 Signal Turns Green
09:35:06 London Old Oak Signal Turns Green
09:35:11 HS2 [Train 25] dep London Old Oak (DEPOT) for London Old Oak
09:35:31 HS2 [Train 25] arr London Old Oak
09:35:31 London Old Oak Signal Turns Red
09:35:58 HS2 [Train 17] arr Block12
09:35:58 Block12 Signal Turns Red
09:36:03 HS2 [Train 17] dep Block12 for Block13
09:36:08 Block12 Signal Turns Green
09:36:22 HS2 [Train 20] arr Block9
09:36:22 Block9 Signal Turns Red
09:36:41 HS2 [Train 21] arr Block8
09:36:41 Block8 Signal Turns Red
09:37:16 HS2 [Train 18 ] arr Block11
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09:37:16 Block11 Signal Turns Red
09:37:21 HS2 [Train 18 ] dep Block11 for Block12
09:37:26 Block11 Signal Turns Green
09:37:39 HS2 [Train 19 ] arr Block10
09:37:39 Block10 Signal Turns Red
09:37:44 HS2 [Train 19 ] dep Block10 for Block11
09:37:49 Block10 Signal Turns Green
09:37:54 HS2 [Train 20 ] dep Block9 for Block10
09:37:59 Block9 Signal Turns Green
09:38:04 HS2 [Train 21 ] dep Block8 for Block9
09:38:09 Block8 Signal Turns Green
09:39:10 HS2 [Train 16] arr Block14
09:39:10 Block14 Signal Turns Red
09:39:11 HS2 [Train 24] arr Block1
09:39:11 Block1 Signal Turns Red
09:39:12 HS2 [Train 22 ] arr Block3
09:39:12 Block3 Signal Turns Red
09:39:15 HS2 [Train 16] dep Block14 for London Old Oak (DEPOT)
09:39:17 HS2 [Train 22 ] dep Block3 for Block4
09:39:20 Block14 Signal Turns Green
09:39:22 Block3 Signal Turns Green
09:39:23 HS2 [Train 23 ] arr Block2
09:39:23 Block2 Signal Turns Red
09:39:28 HS2 [Train 23 ] dep Block2 for Block3
09:39:33 Block2 Signal Turns Green
09:39:35 HS2 [Train 16] arr London Old Oak (DEPOT)
09:39:35 London Old Oak (DEPOT) Signal Turns Red
09:39:38 HS2 [Train 24 ] dep Block1 for Block2
09:39:43 Block1 Signal Turns Green
09:39:48 HS2 [Train 25] dep London Old Oak for Block1
09:39:53 London Old Oak Signal Turns Green
09:39:58 HS2 [Train 26 ] dep London Old Oak (DEPOT) for London Old Oak
09:40:18 HS2 [Train 26 ] arr London Old Oak
09:40:18 London Old Oak Signal Turns Red
09:40:48 HS2 [Train 17] arr Block13
09:40:48 Block13 Signal Turns Red
09:40:53 HS2 [Train 17] dep Block13 for Block14
09:40:58 Block13 Signal Turns Green
09:41:50 HS2 [Train 18 ] arr Block12
09:41:50 Block12 Signal Turns Red
09:41:55 HS2 [Train 18] dep Block12 for Block13
09:42:00 Block12 Signal Turns Green
09:42:13 HS2 [Train 21] arr Block9
09:42:13 Block9 Signal Turns Red
09:43:07 HS2 [Train 19] arr Block11
09:43:07 Block11 Signal Turns Red
09:43:12 HS2 [Train 19 ] dep Block11 for Block12
09:43:17 Block11 Signal Turns Green
09:43:29 HS2 [Train 22 ] arr Block4
09:43:29 Block4 Signal Turns Red
09:43:30 HS2 [Train 20 ] arr Block10
09:43:30 Block10 Signal Turns Red
09:43:34 HS2 [Train 22] dep Block4 for Block5
09:43:35 HS2 [Train 20 ] dep Block10 for Block11
09:43:39 Block4 Signal Turns Green
09:43:40 Block10 Signal Turns Green
09:43:45 HS2 [Train 21 ] dep Block9 for Block10
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09:43:50 Block9 Signal Turns Green
09:43:57 HS2 [Train 25] arr Block1
09:43:57 Block1 Signal Turns Red
09:43:58 HS2 [Train 23 ] arr Block3
09:43:58 Block3 Signal Turns Red
09:44:03 HS2 [Train 23 ] dep Block3 for Block4
09:44:08 Block3 Signal Turns Green
09:44:10 HS2 [Train 24 ] arr Block2
09:44:10 Block2 Signal Turns Red
09:44:15 HS2 [Train 24 ] dep Block2 for Block3
09:44:20 Block2 Signal Turns Green
09:44:25 HS2 [Train 25 ] dep Block1 for Block2
09:44:30 Block1 Signal Turns Green
09:44:35 HS2 [Train 26 ] dep London Old Oak for Block1
09:44:40 London Old Oak Signal Turns Green
09:44:45 HS2 [Train 27] dep London Old Oak (DEPOT) for London Old Oak
09:45:02 HS2 [Train 17] arr Block14
09:45:02 Block14 Signal Turns Red
09:45:05 HS2 [Train 27] arr London Old Oak
09:45:05 London Old Oak Signal Turns Red
09:45:07 HS2 [Train 17] dep Block14 for London Old Oak (DEPOT)
09:45:12 Block14 Signal Turns Green
09:45:27 HS2 [Train 17] arr London Old Oak (DEPOT)
09:45:27 London Old Oak (DEPOT) Signal Turns Red
09:46:39 HS2 [Train 18] arr Block13
09:46:39 Block13 Signal Turns Red
09:46:44 HS2 [Train 18] dep Block13 for Block14
09:46:49 Block13 Signal Turns Green
09:47:41 HS2 [Train 19] arr Block12
09:47:41 Block12 Signal Turns Red
09:47:46 HS2 [Train 19 ] dep Block12 for Block13
09:47:48 HS2 [Train 22 ] arr Block5
09:47:48 Block5 Signal Turns Red
09:47:51 Block12 Signal Turns Green
09:47:53 HS2 [Train 22] dep Block5 for Block6
09:47:58 Block5 Signal Turns Green
09:48:16 HS2 [Train 23] arr Block4
09:48:16 Block4 Signal Turns Red
09:48:21 HS2 [Train 23 ] dep Block4 for Block5
09:48:26 Block4 Signal Turns Green
09:48:44 HS2 [Train 26 ] arr Block1
09:48:44 Block1 Signal Turns Red
09:48:45 HS2 [Train 24] arr Block3
09:48:45 Block3 Signal Turns Red
09:48:50 HS2 [Train 24] dep Block3 for Block4
09:48:55 Block3 Signal Turns Green
09:48:57 HS2 [Train 25] arr Block2
09:48:57 Block2 Signal Turns Red
09:48:59 HS2 [Train 20 ] arr Block11
09:48:59 Block11 Signal Turns Red
09:49:02 HS2 [Train 25 ] dep Block2 for Block3
09:49:04 HS2 [Train 20 ] dep Block11 for Block12
09:49:07 Block2 Signal Turns Green
09:49:09 Block11 Signal Turns Green
09:49:12 HS2 [Train 26 ] dep Block1 for Block2
09:49:17 Block1 Signal Turns Green
09:49:22 HS2 [Train 27] dep London Old Oak for Block1
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09:49:22 HS2 [Train 21 ] arr Block10
09:49:22 Block10 Signal Turns Red
09:49:27 London Old Oak Signal Turns Green
09:49:27 HS2 [Train 21 ] dep Block10 for Block11
09:49:32 HS2 [Train 28] dep London Old Oak (DEPOT) for London Old Oak
09:49:32 Block10 Signal Turns Green
09:49:52 HS2 [Train 28 ] arr London Old Oak
09:49:52 London Old Oak Signal Turns Red
09:50:54 HS2 [Train 18] arr Block14
09:50:54 Block14 Signal Turns Red
09:50:59 HS2 [Train 18] dep Block14 for London Old Oak (DEPOT)
09:51:04 Block14 Signal Turns Green
09:51:19 HS2 [Train 18] arr London Old Oak (DEPOT)
09:51:19 London Old Oak (DEPOT) Signal Turns Red
09:52:31 HS2 [Train 19] arr Block13
09:52:31 Block13 Signal Turns Red
09:52:34 HS2 [Train 23 ] arr Block5
09:52:34 Block5 Signal Turns Red
09:52:36 HS2 [Train 19 ] dep Block13 for Block14
09:52:41 Block13 Signal Turns Green
09:52:54 HS2 [Train 22 ] arr Block6
09:52:54 Block6 Signal Turns Red
09:52:59 HS2 [Train 22 ] dep Block6 for Block7
09:53:02 HS2 [Train 24] arr Block4
09:53:02 Block4 Signal Turns Red
09:53:04 Block6 Signal Turns Green
09:53:09 HS2 [Train 23 ] dep Block5 for Block6
09:53:14 Block5 Signal Turns Green
09:53:19 HS2 [Train 24 ] dep Block4 for Block5
09:53:24 Block4 Signal Turns Green
09:53:31 HS2 [Train 27] arr Block1
09:53:31 Block1 Signal Turns Red
09:53:32 HS2 [Train 25 ] arr Block3
09:53:32 Block3 Signal Turns Red
09:53:33 HS2 [Train 20 ] arr Block12
09:53:33 Block12 Signal Turns Red
09:53:37 HS2 [Train 25] dep Block3 for Block4
09:53:38 HS2 [Train 20 ] dep Block12 for Block13
09:53:42 Block3 Signal Turns Green
09:53:43 Block12 Signal Turns Green
09:53:43 HS2 [Train 26 ] arr Block2
09:53:43 Block2 Signal Turns Red
09:53:48 HS2 [Train 26 ] dep Block2 for Block3
09:53:53 Block2 Signal Turns Green
09:53:58 HS2 [Train 27] dep Block1 for Block2
09:54:03 Block1 Signal Turns Green
09:54:08 HS2 [Train 28 ] dep London Old Oak for Block1
09:54:13 London Old Oak Signal Turns Green
09:54:18 HS2 [Train 29] dep London Old Oak (DEPOT) for London Old Oak
09:54:38 HS2 [Train 29] arr London Old Oak
09:54:38 London Old Oak Signal Turns Red
09:54:50 HS2 [Train 21] arr Block11
09:54:50 Block11 Signal Turns Red
09:54:55 HS2 [Train 21 ] dep Block11 for Block12
09:55:00 Block11 Signal Turns Green
09:56:45 HS2 [Train 19] arr Block14
09:56:45 Block14 Signal Turns Red
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09:56:50 HS2 [Train 19] dep Block14 for London Old Oak (DEPOT)
09:56:55 Block14 Signal Turns Green
09:57:10 HS2 [Train 19] arr London Old Oak (DEPOT)
09:57:10 London Old Oak (DEPOT) Signal Turns Red
09:57:19 HS2 [Train 22 ] arr Block7
09:57:19 Block7 Signal Turns Red
09:57:24 HS2 [Train 22] dep Block7 for Block8
09:57:29 Block7 Signal Turns Green
09:57:33 HS2 [Train 24 ] arr Block5
09:57:33 Block5 Signal Turns Red
09:57:49 HS2 [Train 25] arr Block4
09:57:49 Block4 Signal Turns Red
09:58:11 HS2 [Train 23 ] arr Block6
09:58:11 Block6 Signal Turns Red
09:58:16 HS2 [Train 23 ] dep Block6 for Block7
09:58:18 HS2 [Train 28] arr Block1
09:58:18 Block1 Signal Turns Red
09:58:19 HS2 [Train 26 ] arr Block3
09:58:19 Block3 Signal Turns Red
09:58:21 Block6 Signal Turns Green
09:58:22 HS2 [Train 20] arr Block13
09:58:22 Block13 Signal Turns Red
09:58:26 HS2 [Train 24 ] dep Block5 for Block6
09:58:27 HS2 [Train 20 ] dep Block13 for Block14
09:58:30 HS2 [Train 27] arr Block2
09:58:30 Block2 Signal Turns Red
09:58:31 Block5 Signal Turns Green
09:58:32 Block13 Signal Turns Green
09:58:36 HS2 [Train 25 ] dep Block4 for Block5
09:58:41 Block4 Signal Turns Green
09:58:46 HS2 [Train 26] dep Block3 for Block4
09:58:51 Block3 Signal Turns Green
09:58:56 HS2 [Train 27] dep Block2 for Block3
09:59:01 Block2 Signal Turns Green
09:59:06 HS2 [Train 28 ] dep Block1 for Block2
09:59:11 Block1 Signal Turns Green
09:59:16 HS2 [Train 29] dep London Old Oak for Block1
09:59:21 London Old Oak Signal Turns Green
09:59:25 HS2 [Train 21] arr Block12
09:59:25 Block12 Signal Turns Red
09:59:26 HS2 [Train 30 ] dep London Old Oak (DEPOT) for London Old Oak
09:59:30 HS2 [Train 21 ] dep Block12 for Block13
09:59:35 Block12 Signal Turns Green
09:59:46 HS2 [Train 30 ] arr London Old Oak
09:59:46 London Old Oak Signal Turns Red
10:01:44 HS2 [Train 22 ] arr Block8
10:01:44 Block8 Signal Turns Red
10:01:49 HS2 [Train 22] dep Block8 for Block9
10:01:54 Block8 Signal Turns Green
10:02:36 HS2 [Train 23 ] arr Block7
10:02:36 Block7 Signal Turns Red
10:02:37 HS2 [Train 20 ] arr Block14
10:02:37 Block14 Signal Turns Red
10:02:41 HS2 [Train 23 ] dep Block7 for Block8
10:02:42 HS2 [Train 20 ] dep Block14 for London Old Oak (DEPOT)
10:02:46 Block7 Signal Turns Green
10:02:47 Block14 Signal Turns Green
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10:02:50 HS2 [Train 25] arr Block5
10:02:50 Block5 Signal Turns Red
10:02:58 HS2 [Train 26] arr Block4
10:02:58 Block4 Signal Turns Red
10:03:02 HS2 [Train 20 ] arr London Old Oak (DEPOT)
10:03:02 London Old Oak (DEPOT) Signal Turns Red
10:03:25 HS2 [Train 29 ] arr Block1
10:03:25 Block1 Signal Turns Red
10:03:26 HS2 [Train 27] arr Block3
10:03:26 Block3 Signal Turns Red
10:03:28 HS2 [Train 24 ] arr Block6
10:03:28 Block6 Signal Turns Red
10:03:33 HS2 [Train 24 ] dep Block6 for Block7
10:03:38 Block6 Signal Turns Green
10:03:38 HS2 [Train 28 ] arr Block2
10:03:38 Block2 Signal Turns Red
10:03:43 HS2 [Train 25 ] dep Block5 for Block6
10:03:48 Block5 Signal Turns Green
10:03:53 HS2 [Train 26 ] dep Block4 for Block5
10:03:58 Block4 Signal Turns Green
10:04:03 HS2 [Train 27] dep Block3 for Block4
10:04:08 Block3 Signal Turns Green
10:04:13 HS2 [Train 28 ] dep Block2 for Block3
10:04:14 HS2 [Train 21] arr Block13
10:04:14 Block13 Signal Turns Red
10:04:18 Block2 Signal Turns Green
10:04:19 HS2 [Train 21] dep Block13 for Block14
10:04:23 HS2 [Train 29 ] dep Block1 for Block2
10:04:24 Block13 Signal Turns Green
10:04:28 Block1 Signal Turns Green
10:04:33 HS2 [Train 30 ] dep London Old Oak for Block1
10:04:38 London Old Oak Signal Turns Green
10:04:43 HS2 [Train 31] dep London Old Oak (DEPOT) for London Old Oak
10:05:03 HS2 [Train 31] arr London Old Oak
10:05:03 London Old Oak Signal Turns Red
10:05:58 HS2 [Train 22 ] arr Block9
10:05:58 Block9 Signal Turns Red
10:06:03 HS2 [Train 22 ] dep Block9 for Block10
10:06:08 Blocko Signal Turns Green
10:07:00 HS2 [Train 23 ] arr Block8
10:07:00 Block8 Signal Turns Red
10:07:05 HS2 [Train 23 ] dep Block8 for Block9
10:07:10 Block8 Signal Turns Green
10:07:53 HS2 [Train 24] arr Block7
10:07:53 Block7 Signal Turns Red
10:07:58 HS2 [Train 24 ] dep Block7 for Block8
10:08:03 Block7 Signal Turns Green
10:08:07 HS2 [Train 26] arr Block5
10:08:07 Block 5 Signal Turns Red
10:08:15 HS2 [Train 27] arr Block4
10:08:15 Block4 Signal Turns Red
10:08:28 HS2 [Train 21] arr Block14
10:08:28 Block14 Signal Turns Red
10:08:33 HS2 [Train 21] dep Block14 for London Old Oak (DEPOT)
10:08:38 Block14 Signal Turns Green
10:08:42 HS2 [Train 30 ] arr Block1
10:08:42 Block1 Signal Turns Red
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10:08:43 HS2 [Train 28] arr Block3
10:08:43 Block3 Signal Turns Red
10:08:44 HS2 [Train 25] arr Block6
10:08:44 Block6 Signal Turns Red
10:08:49 HS2 [Train 25] dep Block6 for Block7
10:08:53 HS2 [Train 21] arr London Old Oak (DEPOT)
10:08:53 London Old Oak (DEPOT) Signal Turns Red
10:08:54 Block6 Signal Turns Green
10:08:55 HS2 [Train 29] arr Block2
10:08:55 Block2 Signal Turns Red
10:08:59 HS2 [Train 26 ] dep Block5 for Block6
10:09:04 Block5 Signal Turns Green
10:09:09 HS2 [Train 27] dep Block4 for Block5
10:09:14 Block4 Signal Turns Green
10:09:19 HS2 [Train 28 ] dep Block3 for Block4
10:09:24 Block3 Signal Turns Green
10:09:29 HS2 [Train 29 ] dep Block2 for Block3
10:09:34 Block2 Signal Turns Green
10:09:39 HS2 [Train 30 ] dep Block1 for Block2
10:09:44 Block1 Signal Turns Green
10:09:49 HS2 [Train 31] dep London Old Oak for Block1
10:09:54 London Old Oak Signal Turns Green
10:09:59 HS2 [Train 32 ] dep London Old Oak (DEPOT) for London Old Oak
10:10:19 HS2 [Train 32 ] arr London Old Oak
10:10:19 London Old Oak Signal Turns Red
10:11:15 HS2 [Train 23 ] arr Block9
10:11:15 Block9 Signal Turns Red
10:11:39 HS2 [Train 22 ] arr Block10
10:11:39 Block10 Signal Turns Red
10:11:44 HS2 [Train 22 ] dep Block10 for Block11
10:11:49 Block10 Signal Turns Green
10:11:54 HS2 [Train 23 ] dep Block9 for Block10
10:11:59 Block9 Signal Turns Green
10:12:17 HS2 [Train 24] arr Block8
10:12:17 Block8 Signal Turns Red
10:12:22 HS2 [Train 24 ] dep Block8 for Block9
10:12:27 Block8 Signal Turns Green
10:13:09 HS2 [Train 25] arr Block7
10:13:09 Block7 Signal Turns Red
10:13:14 HS2 [Train 25 ] dep Block7 for Block8
10:13:19 Block7 Signal Turns Green
10:13:23 HS2 [Train 27] arr Block5
10:13:23 Block5 Signal Turns Red
10:13:32 HS2 [Train 28 ] arr Block4
10:13:32 Block4 Signal Turns Red
10:13:59 HS2 [Train 31] arr Block1
10:13:59 Block1 Signal Turns Red
10:14:00 HS2 [Train 29] arr Block3
10:14:00 Block3 Signal Turns Red
10:14:01 HS2 [Train 26 ] arr Block6
10:14:01 Block6 Signal Turns Red
10:14:06 HS2 [Train 26] dep Block6 for Block7
10:14:11 Block6 Signal Turns Green
10:14:11 HS2 [Train 30 ] arr Block2
10:14:11 Block2 Signal Turns Red
10:14:16 HS2 [Train 27 ] dep Block5 for Block6
10:14:21 Block 5 Signal Turns Green
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x18203621 MSO CA1 Code
10:14:26 HS2 [Train 28 ] dep Block4 for Block5
10:14:31 Block4 Signal Turns Green
10:14:36 HS2 [Train 29 ] dep Block3 for Block4
10:14:41 Block3 Signal Turns Green
10:14:46 HS2 [Train 30 ] dep Block2 for Block3
10:14:51 Block2 Signal Turns Green
10:14:56 HS2 [Train 31] dep Block1 for Block2
10:15:01 Block1 Signal Turns Green
10:15:06 HS2 [Train 32] dep London Old Oak for Block1
10:15:11 London Old Oak Signal Turns Green
10:15:16 HS2 [Train 33] dep London Old Oak (DEPOT) for London Old Oak
10:15:36 HS2 [Train 33] arr London Old Oak
10:15:36 London Old Oak Signal Turns Red
10:16:31 HS2 [Train 24] arr Block9
10:16:31 Block9 Signal Turns Red
10:17:08 HS2 [Train 22 ] arr Block11
10:17:08 Block11 Signal Turns Red
10:17:13 HS2 [Train 22 ] dep Block11 for Block12
10:17:18 Block11 Signal Turns Green
10:17:31 HS2 [Train 23 ] arr Block10
10:17:31 Block10 Signal Turns Red
10:17:34 HS2 [Train 25 ] arr Block8
10:17:34 Block8 Signal Turns Red
10:17:36 HS2 [Train 23 ] dep Block10 for Block11
10:17:41 Block10 Signal Turns Green
10:17:46 HS2 [Train 24 ] dep Block9 for Block10
10:17:51 Block9 Signal Turns Green
10:17:56 HS2 [Train 25] dep Block8 for Block9
10:18:01 Block8 Signal Turns Green
10:18:26 HS2 [Train 26] arr Block7
10:18:26 Block7 Signal Turns Red
10:18:31 HS2 [Train 26 ] dep Block7 for Block8
10:18:36 Block7 Signal Turns Green
10:18:40 HS2 [Train 28] arr Block5
10:18:40 Block 5 Signal Turns Red
10:18:49 HS2 [Train 29 ] arr Block4
10:18:49 Block4 Signal Turns Red
10:19:16 HS2 [Train 32 ] arr Block1
10:19:16 Block1 Signal Turns Red
10:19:16 HS2 [Train 30 ] arr Block3
10:19:16 Block3 Signal Turns Red
10:19:18 HS2 [Train 27] arr Block6
10:19:18 Block6 Signal Turns Red
10:19:23 HS2 [Train 27 ] dep Block6 for Block7
10:19:28 Block6 Signal Turns Green
10:19:28 HS2 [Train 31] arr Block2
10:19:28 Block2 Signal Turns Red
10:19:33 HS2 [Train 28] dep Block5 for Block6
10:19:38 Block5 Signal Turns Green
10:19:43 HS2 [Train 29 ] dep Block4 for Block5
10:19:48 Block4 Signal Turns Green
10:19:53 HS2 [Train 30 ] dep Block3 for Block4
10:19:58 Block3 Signal Turns Green
10:20:03 HS2 [Train 31] dep Block2 for Block3
10:20:08 Block2 Signal Turns Green
10:20:13 HS2 [Train 32 ] dep Block1 for Block2
10:20:18 Block1 Signal Turns Green
```

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10:20:23 HS2 [Train 33 ] dep London Old Oak for Block1
10:20:28 London Old Oak Signal Turns Green
10:20:33 HS2 [Train 34 ] dep London Old Oak (DEPOT) for London Old Oak
10:20:53 HS2 [Train 34] arr London Old Oak
10:20:53 London Old Oak Signal Turns Red
10:21:42 HS2 [Train 22 ] arr Block12
10:21:42 Block12 Signal Turns Red
10:21:47 HS2 [Train 22 ] dep Block12 for Block13
10:21:52 Block12 Signal Turns Green
10:22:05 HS2 [Train 25] arr Block9
10:22:05 Block9 Signal Turns Red
10:22:50 HS2 [Train 26 ] arr Block8
10:22:50 Block8 Signal Turns Red
10:22:59 HS2 [Train 23 ] arr Block11
10:22:59 Block11 Signal Turns Red
10:23:04 HS2 [Train 23 ] dep Block11 for Block12
10:23:09 Block11 Signal Turns Green
10:23:23 HS2 [Train 24] arr Block10
10:23:23 Block10 Signal Turns Red
10:23:28 HS2 [Train 24 ] dep Block10 for Block11
10:23:33 Block10 Signal Turns Green
10:23:38 HS2 [Train 25 ] dep Block9 for Block10
10:23:43 Block9 Signal Turns Green
10:23:43 HS2 [Train 27] arr Block7
10:23:43 Block7 Signal Turns Red
10:23:48 HS2 [Train 26 ] dep Block8 for Block9
10:23:53 Block8 Signal Turns Green
10:23:57 HS2 [Train 29] arr Block5
10:23:57 Block5 Signal Turns Red
10:23:58 HS2 [Train 27] dep Block7 for Block8
10:24:03 Block7 Signal Turns Green
10:24:05 HS2 [Train 30 ] arr Block4
10:24:05 Block4 Signal Turns Red
10:24:32 HS2 [Train 33 ] arr Block1
10:24:32 Block1 Signal Turns Red
10:24:33 HS2 [Train 31] arr Block3
10:24:33 Block3 Signal Turns Red
10:24:35 HS2 [Train 28 ] arr Block6
10:24:35 Block6 Signal Turns Red
10:24:40 HS2 [Train 28 ] dep Block6 for Block7
10:24:45 Block6 Signal Turns Green
10:24:45 HS2 [Train 32 ] arr Block2
10:24:45 Block2 Signal Turns Red
10:24:50 HS2 [Train 29 ] dep Block5 for Block6
10:24:55 Block5 Signal Turns Green
10:25:00 HS2 [Train 30 ] dep Block4 for Block5
10:25:05 Block4 Signal Turns Green
10:25:10 HS2 [Train 31] dep Block3 for Block4
10:25:15 Block3 Signal Turns Green
10:25:20 HS2 [Train 32] dep Block2 for Block3
10:25:25 Block2 Signal Turns Green
10:25:30 HS2 [Train 33 ] dep Block1 for Block2
10:25:35 Block1 Signal Turns Green
10:25:40 HS2 [Train 34] dep London Old Oak for Block1
10:25:45 London Old Oak Signal Turns Green
10:25:50 HS2 [Train 35] dep London Old Oak (DEPOT) for London Old Oak
10:26:10 HS2 [Train 35] arr London Old Oak
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x18203621 MSO CA1 Code
10:26:10 London Old Oak Signal Turns Red
10:26:31 HS2 [Train 22 ] arr Block13
10:26:31 Block13 Signal Turns Red
10:26:36 HS2 [Train 22 ] dep Block13 for Block14
10:26:41 Block13 Signal Turns Green
10:27:34 HS2 [Train 23 ] arr Block12
10:27:34 Block12 Signal Turns Red
10:27:39 HS2 [Train 23 ] dep Block12 for Block13
10:27:44 Block12 Signal Turns Green
10:27:57 HS2 [Train 26 ] arr Block9
10:27:57 Block9 Signal Turns Red
10:28:17 HS2 [Train 27] arr Block8
10:28:17 Block8 Signal Turns Red
10:28:51 HS2 [Train 24] arr Block11
10:28:51 Block11 Signal Turns Red
10:28:56 HS2 [Train 24 ] dep Block11 for Block12
10:28:59 HS2 [Train 28 ] arr Block7
10:28:59 Block7 Signal Turns Red
10:29:01 Block11 Signal Turns Green
10:29:13 HS2 [Train 30 ] arr Block5
10:29:13 Block5 Signal Turns Red
10:29:14 HS2 [Train 25] arr Block10
10:29:14 Block10 Signal Turns Red
10:29:19 HS2 [Train 25 ] dep Block10 for Block11
10:29:22 HS2 [Train 31] arr Block4
10:29:22 Block4 Signal Turns Red
10:29:24 Block10 Signal Turns Green
10:29:29 HS2 [Train 26 ] dep Block9 for Block10
10:29:34 Block9 Signal Turns Green
10:29:39 HS2 [Train 27] dep Block8 for Block9
10:29:44 Block8 Signal Turns Green
10:29:49 HS2 [Train 34] arr Block1
10:29:49 Block1 Signal Turns Red
10:29:49 HS2 [Train 28 ] dep Block7 for Block8
10:29:50 HS2 [Train 32 ] arr Block3
10:29:50 Block3 Signal Turns Red
10:29:51 HS2 [Train 29] arr Block6
10:29:51 Block6 Signal Turns Red
10:29:54 Block7 Signal Turns Green
10:29:59 HS2 [Train 29 ] dep Block6 for Block7
10:30:01 HS2 [Train 33 ] arr Block2
10:30:01 Block2 Signal Turns Red
10:30:04 Block6 Signal Turns Green
10:30:09 HS2 [Train 30 ] dep Block5 for Block6
10:30:14 Block5 Signal Turns Green
10:30:19 HS2 [Train 31 ] dep Block4 for Block5
10:30:24 Block4 Signal Turns Green
10:30:29 HS2 [Train 32 ] dep Block3 for Block4
10:30:34 Block3 Signal Turns Green
10:30:39 HS2 [Train 33 ] dep Block2 for Block3
10:30:44 Block2 Signal Turns Green
10:30:46 HS2 [Train 22 ] arr Block14
10:30:46 Block14 Signal Turns Red
10:30:49 HS2 [Train 34] dep Block1 for Block2
10:30:51 HS2 [Train 22] dep Block14 for London Old Oak (DEPOT)
10:30:54 Block1 Signal Turns Green
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10:30:56 Block14 Signal Turns Green

x18203621 MSO CA1 Code 10:30:59 HS2 [Train 35] dep London Old Oak for Block1 10:31:04 London Old Oak Signal Turns Green 10:31:09 HS2 [Train 36] dep London Old Oak (DEPOT) for London Old Oak 10:31:11 HS2 [Train 22] arr London Old Oak (DEPOT) 10:31:11 London Old Oak (DEPOT) Signal Turns Red 10:31:29 HS2 [Train 36] arr London Old Oak 10:31:29 London Old Oak Signal Turns Red 10:32:23 HS2 [Train 23] arr Block13 10:32:23 Block13 Signal Turns Red 10:32:28 HS2 [Train 23] dep Block13 for Block14 10:32:33 Block13 Signal Turns Green 10:33:25 HS2 [Train 24] arr Block12 10:33:25 Block12 Signal Turns Red 10:33:30 HS2 [Train 24] dep Block12 for Block13 10:33:35 Block12 Signal Turns Green 10:33:48 HS2 [Train 27] arr Block9 10:33:48 Block9 Signal Turns Red 10:34:08 HS2 [Train 28] arr Block8 10:34:08 Block8 Signal Turns Red 10:34:19 HS2 [Train 29] arr Block7 10:34:19 Block7 Signal Turns Red 10:34:33 HS2 [Train 31] arr Block5 10:34:33 Block5 Signal Turns Red 10:34:42 HS2 [Train 32] arr Block4 10:34:42 Block4 Signal Turns Red 10:34:42 HS2 [Train 25] arr Block11 10:34:42 Block11 Signal Turns Red 10:34:47 HS2 [Train 25] dep Block11 for Block12 10:34:52 Block11 Signal Turns Green 10:35:06 HS2 [Train 26] arr Block10 10:35:06 Block10 Signal Turns Red 10:35:09 HS2 [Train 35] arr Block1 10:35:09 Block1 Signal Turns Red 10:35:09 HS2 [Train 33] arr Block3 10:35:09 Block3 Signal Turns Red 10:35:11 HS2 [Train 26] dep Block10 for Block11 10:35:11 HS2 [Train 30] arr Block6 10:35:11 Block6 Signal Turns Red 10:35:16 Block10 Signal Turns Green 10:35:21 HS2 [Train 27] dep Block9 for Block10 10:35:21 HS2 [Train 34] arr Block2 10:35:21 Block2 Signal Turns Red 10:35:26 Block9 Signal Turns Green 10:35:31 HS2 [Train 28] dep Block8 for Block9 10:35:36 Block8 Signal Turns Green 10:35:41 HS2 [Train 29] dep Block7 for Block8 10:35:46 Block7 Signal Turns Green 10:35:51 HS2 [Train 30] dep Block6 for Block7 10:35:56 Block6 Signal Turns Green 10:36:01 HS2 [Train 31] dep Block5 for Block6 10:36:06 Block5 Signal Turns Green 10:36:11 HS2 [Train 32] dep Block4 for Block5 10:36:16 Block4 Signal Turns Green 10:36:21 HS2 [Train 33] dep Block3 for Block4 10:36:26 Block3 Signal Turns Green 10:36:31 HS2 [Train 34] dep Block2 for Block3 10:36:36 Block2 Signal Turns Green

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x18203621_MSO_CA1_Code
10:36:37 HS2 [Train 23] arr Block14
10:36:37 Block14 Signal Turns Red
10:36:41 HS2 [Train 35 ] dep Block1 for Block2
10:36:42 HS2 [Train 23 ] dep Block14 for London Old Oak (DEPOT)
10:36:46 Block1 Signal Turns Green
10:36:47 Block14 Signal Turns Green
10:36:51 HS2 [Train 36] dep London Old Oak for Block1
10:36:56 London Old Oak Signal Turns Green
10:37:01 HS2 [Train 37] dep London Old Oak (DEPOT) for London Old Oak
10:37:02 HS2 [Train 23 ] arr London Old Oak (DEPOT)
10:37:02 London Old Oak (DEPOT) Signal Turns Red
10:37:21 HS2 [Train 37] arr London Old Oak
10:37:21 London Old Oak Signal Turns Red
10:38:15 HS2 [Train 24 ] arr Block13
10:38:15 Block13 Signal Turns Red
10:38:20 HS2 [Train 24 ] dep Block13 for Block14
10:38:25 Block13 Signal Turns Green
10:39:17 HS2 [Train 25 ] arr Block12
10:39:17 Block12 Signal Turns Red
10:39:22 HS2 [Train 25 ] dep Block12 for Block13
10:39:27 Block12 Signal Turns Green
10:39:40 HS2 [Train 28] arr Block9
10:39:40 Block9 Signal Turns Red
10:40:00 HS2 [Train 29] arr Block8
10:40:00 Block8 Signal Turns Red
10:40:11 HS2 [Train 30 ] arr Block7
10:40:11 Block7 Signal Turns Red
10:40:25 HS2 [Train 32] arr Block5
10:40:25 Block5 Signal Turns Red
10:40:33 HS2 [Train 33 ] arr Block4
10:40:33 Block4 Signal Turns Red
10:40:34 HS2 [Train 26 ] arr Block11
10:40:34 Block11 Signal Turns Red
10:40:39 HS2 [Train 26 ] dep Block11 for Block12
10:40:44 Block11 Signal Turns Green
10:40:57 HS2 [Train 27] arr Block10
10:40:57 Block10 Signal Turns Red
10:41:00 HS2 [Train 36] arr Block1
10:41:00 Block1 Signal Turns Red
10:41:01 HS2 [Train 34] arr Block3
10:41:01 Block3 Signal Turns Red
10:41:02 HS2 [Train 27] dep Block10 for Block11
10:41:02 HS2 [Train 31] arr Block6
10:41:02 Block6 Signal Turns Red
10:41:07 Block10 Signal Turns Green
10:41:12 HS2 [Train 28 ] dep Block9 for Block10
10:41:13 HS2 [Train 35] arr Block2
10:41:13 Block2 Signal Turns Red
10:41:17 Block9 Signal Turns Green
10:41:22 HS2 [Train 29] dep Block8 for Block9
10:41:27 Block8 Signal Turns Green
10:41:32 HS2 [Train 30 ] dep Block7 for Block8
10:41:37 Block7 Signal Turns Green
10:41:42 HS2 [Train 31] dep Block6 for Block7
10:41:47 Block6 Signal Turns Green
10:41:52 HS2 [Train 32 ] dep Block5 for Block6
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10:41:57 Block5 Signal Turns Green

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x18203621 MSO CA1 Code
10:42:02 HS2 [Train 33 ] dep Block4 for Block5
10:42:07 Block4 Signal Turns Green
10:42:12 HS2 [Train 34 ] dep Block3 for Block4
10:42:17 Block3 Signal Turns Green
10:42:22 HS2 [Train 35 ] dep Block2 for Block3
10:42:27 Block2 Signal Turns Green
10:42:29 HS2 [Train 24] arr Block14
10:42:29 Block14 Signal Turns Red
10:42:32 HS2 [Train 36 ] dep Block1 for Block2
10:42:34 HS2 [Train 24 ] dep Block14 for London Old Oak (DEPOT)
10:42:37 Block1 Signal Turns Green
10:42:39 Block14 Signal Turns Green
10:42:42 HS2 [Train 37] dep London Old Oak for Block1
10:42:47 London Old Oak Signal Turns Green
10:42:52 HS2 [Train 38 ] dep London Old Oak (DEPOT) for London Old Oak
10:42:54 HS2 [Train 24] arr London Old Oak (DEPOT)
10:42:54 London Old Oak (DEPOT) Signal Turns Red
10:43:12 HS2 [Train 38] arr London Old Oak
10:43:12 London Old Oak Signal Turns Red
10:44:06 HS2 [Train 25 ] arr Block13
10:44:06 Block13 Signal Turns Red
10:44:11 HS2 [Train 25] dep Block13 for Block14
10:44:16 Block13 Signal Turns Green
10:45:08 HS2 [Train 26] arr Block12
10:45:08 Block12 Signal Turns Red
10:45:13 HS2 [Train 26 ] dep Block12 for Block13
10:45:18 Block12 Signal Turns Green
10:45:32 HS2 [Train 29] arr Block9
10:45:32 Block9 Signal Turns Red
10:45:52 HS2 [Train 30 ] arr Block8
10:45:52 Block8 Signal Turns Red
10:46:02 HS2 [Train 31] arr Block7
10:46:02 Block7 Signal Turns Red
10:46:16 HS2 [Train 33 ] arr Block5
10:46:16 Block5 Signal Turns Red
10:46:25 HS2 [Train 34] arr Block4
10:46:25 Block4 Signal Turns Red
10:46:26 HS2 [Train 27] arr Block11
10:46:26 Block11 Signal Turns Red
10:46:31 HS2 [Train 27] dep Block11 for Block12
10:46:36 Block11 Signal Turns Green
10:46:49 HS2 [Train 28] arr Block10
10:46:49 Block10 Signal Turns Red
10:46:52 HS2 [Train 37] arr Block1
10:46:52 Block1 Signal Turns Red
10:46:53 HS2 [Train 35 ] arr Block3
10:46:53 Block3 Signal Turns Red
10:46:54 HS2 [Train 28 ] dep Block10 for Block11
10:46:54 HS2 [Train 32 ] arr Block6
10:46:54 Block6 Signal Turns Red
10:46:59 Block10 Signal Turns Green
10:47:04 HS2 [Train 29 ] dep Block9 for Block10
10:47:04 HS2 [Train 36] arr Block2
10:47:04 Block2 Signal Turns Red
10:47:09 Block9 Signal Turns Green
10:47:14 HS2 [Train 30 ] dep Block8 for Block9
10:47:19 Block8 Signal Turns Green
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10:47:24 HS2 [Train 31] dep Block7 for Block8
10:47:29 Block7 Signal Turns Green
10:47:34 HS2 [Train 32 ] dep Block6 for Block7
10:47:39 Block6 Signal Turns Green
10:47:44 HS2 [Train 33 ] dep Block5 for Block6
10:47:49 Block5 Signal Turns Green
10:47:54 HS2 [Train 34] dep Block4 for Block5
10:47:59 Block4 Signal Turns Green
10:48:04 HS2 [Train 35] dep Block3 for Block4
10:48:09 Block3 Signal Turns Green
10:48:14 HS2 [Train 36 ] dep Block2 for Block3
10:48:19 Block2 Signal Turns Green
10:48:21 HS2 [Train 25] arr Block14
10:48:21 Block14 Signal Turns Red
10:48:24 HS2 [Train 37 ] dep Block1 for Block2
10:48:26 HS2 [Train 25] dep Block14 for London Old Oak (DEPOT)
10:48:29 Block1 Signal Turns Green
10:48:31 Block14 Signal Turns Green
10:48:34 HS2 [Train 38] dep London Old Oak for Block1
10:48:39 London Old Oak Signal Turns Green
10:48:44 HS2 [Train 39] dep London Old Oak (DEPOT) for London Old Oak
10:48:46 HS2 [Train 25] arr London Old Oak (DEPOT)
10:48:46 London Old Oak (DEPOT) Signal Turns Red
10:49:04 HS2 [Train 39] arr London Old Oak
10:49:04 London Old Oak Signal Turns Red
10:49:58 HS2 [Train 26] arr Block13
10:49:58 Block13 Signal Turns Red
10:50:03 HS2 [Train 26 ] dep Block13 for Block14
10:50:08 Block13 Signal Turns Green
10:51:00 HS2 [Train 27] arr Block12
10:51:00 Block12 Signal Turns Red
10:51:05 HS2 [Train 27] dep Block12 for Block13
10:51:10 Block12 Signal Turns Green
10:51:23 HS2 [Train 30 ] arr Block9
10:51:23 Block9 Signal Turns Red
10:51:43 HS2 [Train 31] arr Block8
10:51:43 Block8 Signal Turns Red
10:51:54 HS2 [Train 32 ] arr Block7
10:51:54 Block7 Signal Turns Red
10:52:08 HS2 [Train 34 ] arr Block5
10:52:08 Block5 Signal Turns Red
10:52:16 HS2 [Train 35 ] arr Block4
10:52:16 Block4 Signal Turns Red
10:52:17 HS2 [Train 28 ] arr Block11
10:52:17 Block11 Signal Turns Red
10:52:22 HS2 [Train 28 ] dep Block11 for Block12
10:52:27 Block11 Signal Turns Green
10:52:40 HS2 [Train 29 ] arr Block10
10:52:40 Block10 Signal Turns Red
10:52:43 HS2 [Train 38] arr Block1
10:52:43 Block1 Signal Turns Red
10:52:44 HS2 [Train 36 ] arr Block3
10:52:44 Block3 Signal Turns Red
10:52:45 HS2 [Train 29] dep Block10 for Block11
10:52:46 HS2 [Train 33 ] arr Block6
10:52:46 Block6 Signal Turns Red
10:52:50 Block10 Signal Turns Green
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10:52:55 HS2 [Train 30 ] dep Block9 for Block10
10:52:56 HS2 [Train 37] arr Block2
10:52:56 Block2 Signal Turns Red
10:53:00 Blocko Signal Turns Green
10:53:05 HS2 [Train 31] dep Block8 for Block9
10:53:10 Block8 Signal Turns Green
10:53:15 HS2 [Train 32 ] dep Block7 for Block8
10:53:20 Block7 Signal Turns Green
10:53:25 HS2 [Train 33 ] dep Block6 for Block7
10:53:30 Block6 Signal Turns Green
10:53:35 HS2 [Train 34 ] dep Block5 for Block6
10:53:40 Block5 Signal Turns Green
10:53:45 HS2 [Train 35 ] dep Block4 for Block5
10:53:50 Block4 Signal Turns Green
10:53:55 HS2 [Train 36] dep Block3 for Block4
10:54:00 Block3 Signal Turns Green
10:54:05 HS2 [Train 37 ] dep Block2 for Block3
10:54:10 Block2 Signal Turns Green
10:54:12 HS2 [Train 26] arr Block14
10:54:12 Block14 Signal Turns Red
10:54:15 HS2 [Train 38] dep Block1 for Block2
10:54:17 HS2 [Train 26] dep Block14 for London Old Oak (DEPOT)
10:54:20 Block1 Signal Turns Green
10:54:22 Block14 Signal Turns Green
10:54:25 HS2 [Train 39] dep London Old Oak for Block1
10:54:30 London Old Oak Signal Turns Green
10:54:35 HS2 [Train 40 ] dep London Old Oak (DEPOT) for London Old Oak
10:54:37 HS2 [Train 26] arr London Old Oak (DEPOT)
10:54:37 London Old Oak (DEPOT) Signal Turns Red
10:54:55 HS2 [Train 40 ] arr London Old Oak
10:54:55 London Old Oak Signal Turns Red
10:55:49 HS2 [Train 27 ] arr Block13
10:55:49 Block13 Signal Turns Red
10:55:54 HS2 [Train 27] dep Block13 for Block14
10:55:59 Block13 Signal Turns Green
10:56:52 HS2 [Train 28 ] arr Block12
10:56:52 Block12 Signal Turns Red
10:56:57 HS2 [Train 28 ] dep Block12 for Block13
10:57:02 Block12 Signal Turns Green
10:57:15 HS2 [Train 31] arr Block9
10:57:15 Block9 Signal Turns Red
10:57:35 HS2 [Train 32 ] arr Block8
10:57:35 Block8 Signal Turns Red
10:57:45 HS2 [Train 33 ] arr Block7
10:57:45 Block7 Signal Turns Red
10:57:59 HS2 [Train 35 ] arr Block5
10:57:59 Block5 Signal Turns Red
10:58:08 HS2 [Train 36] arr Block4
10:58:08 Block4 Signal Turns Red
10:58:09 HS2 [Train 29] arr Block11
10:58:09 Block11 Signal Turns Red
10:58:14 HS2 [Train 29 ] dep Block11 for Block12
10:58:19 Block11 Signal Turns Green
10:58:32 HS2 [Train 30 ] arr Block10
10:58:32 Block10 Signal Turns Red
10:58:35 HS2 [Train 39] arr Block1
10:58:35 Block1 Signal Turns Red
```

```
10:58:36 HS2 [Train 37] arr Block3
10:58:36 Block3 Signal Turns Red
10:58:37 HS2 [Train 30 ] dep Block10 for Block11
10:58:37 HS2 [Train 34] arr Block6
10:58:37 Block6 Signal Turns Red
10:58:42 Block10 Signal Turns Green
10:58:47 HS2 [Train 31 ] dep Block9 for Block10
10:58:47 HS2 [Train 38 ] arr Block2
10:58:47 Block2 Signal Turns Red
10:58:52 Blocko Signal Turns Green
10:58:57 HS2 [Train 32 ] dep Block8 for Block9
10:59:02 Block8 Signal Turns Green
10:59:07 HS2 [Train 33 ] dep Block7 for Block8
10:59:12 Block7 Signal Turns Green
10:59:17 HS2 [Train 34] dep Block6 for Block7
10:59:22 Block6 Signal Turns Green
10:59:27 HS2 [Train 35 ] dep Block5 for Block6
10:59:32 Block5 Signal Turns Green
10:59:37 HS2 [Train 36 ] dep Block4 for Block5
10:59:42 Block4 Signal Turns Green
10:59:47 HS2 [Train 37] dep Block3 for Block4
10:59:52 Block3 Signal Turns Green
10:59:57 HS2 [Train 38 ] dep Block2 for Block3
11:00:02 Block2 Signal Turns Green
11:00:04 HS2 [Train 27] arr Block14
11:00:04 Block14 Signal Turns Red
11:00:07 HS2 [Train 39 ] dep Block1 for Block2
11:00:09 HS2 [Train 27] dep Block14 for London Old Oak (DEPOT)
11:00:12 Block1 Signal Turns Green
11:00:14 Block14 Signal Turns Green
11:00:17 HS2 [Train 40 ] dep London Old Oak for Block1
11:00:22 London Old Oak Signal Turns Green
11:00:27 HS2 [Train 41] dep London Old Oak (DEPOT) for London Old Oak
11:00:29 HS2 [Train 27] arr London Old Oak (DEPOT)
11:00:29 London Old Oak (DEPOT) Signal Turns Red
11:00:47 HS2 [Train 41] arr London Old Oak
11:00:47 London Old Oak Signal Turns Red
11:01:41 HS2 [Train 28 ] arr Block13
11:01:41 Block13 Signal Turns Red
11:01:46 HS2 [Train 28 ] dep Block13 for Block14
11:01:51 Block13 Signal Turns Green
11:02:43 HS2 [Train 29 ] arr Block12
11:02:43 Block12 Signal Turns Red
11:02:48 HS2 [Train 29 ] dep Block12 for Block13
11:02:53 Block12 Signal Turns Green
11:03:06 HS2 [Train 32 ] arr Block9
11:03:06 Block9 Signal Turns Red
11:03:26 HS2 [Train 33 ] arr Block8
11:03:26 Block8 Signal Turns Red
11:03:37 HS2 [Train 34 ] arr Block7
11:03:37 Block7 Signal Turns Red
11:03:51 HS2 [Train 36 ] arr Block5
11:03:51 Block5 Signal Turns Red
11:03:59 HS2 [Train 37] arr Block4
11:03:59 Block4 Signal Turns Red
11:04:00 HS2 [Train 30 ] arr Block11
11:04:00 Block11 Signal Turns Red
```

```
11:04:05 HS2 [Train 30 ] dep Block11 for Block12
11:04:10 Block11 Signal Turns Green
11:04:24 HS2 [Train 31] arr Block10
11:04:24 Block10 Signal Turns Red
11:04:26 HS2 [Train 40 ] arr Block1
11:04:26 Block1 Signal Turns Red
11:04:27 HS2 [Train 38] arr Block3
11:04:27 Block3 Signal Turns Red
11:04:29 HS2 [Train 31] dep Block10 for Block11
11:04:29 HS2 [Train 35 ] arr Block6
11:04:29 Block6 Signal Turns Red
11:04:34 Block10 Signal Turns Green
11:04:39 HS2 [Train 32] dep Block9 for Block10
11:04:39 HS2 [Train 39 ] arr Block2
11:04:39 Block2 Signal Turns Red
11:04:44 Block9 Signal Turns Green
11:04:49 HS2 [Train 33] dep Block8 for Block9
11:04:54 Block8 Signal Turns Green
11:04:59 HS2 [Train 34 ] dep Block7 for Block8
11:05:04 Block7 Signal Turns Green
11:05:09 HS2 [Train 35 ] dep Block6 for Block7
11:05:14 Block6 Signal Turns Green
11:05:19 HS2 [Train 36] dep Block5 for Block6
11:05:24 Block5 Signal Turns Green
11:05:29 HS2 [Train 37] dep Block4 for Block5
11:05:34 Block4 Signal Turns Green
11:05:39 HS2 [Train 38] dep Block3 for Block4
11:05:44 Block3 Signal Turns Green
11:05:49 HS2 [Train 39 ] dep Block2 for Block3
11:05:54 Block2 Signal Turns Green
11:05:55 HS2 [Train 28] arr Block14
11:05:55 Block14 Signal Turns Red
11:05:59 HS2 [Train 40 ] dep Block1 for Block2
11:06:00 HS2 [Train 28] dep Block14 for London Old Oak (DEPOT)
11:06:04 Block1 Signal Turns Green
11:06:05 Block14 Signal Turns Green
11:06:09 HS2 [Train 41] dep London Old Oak for Block1
11:06:14 London Old Oak Signal Turns Green
11:06:19 HS2 [Train 42] dep London Old Oak (DEPOT) for London Old Oak
11:06:20 HS2 [Train 28] arr London Old Oak (DEPOT)
11:06:20 London Old Oak (DEPOT) Signal Turns Red
11:06:39 HS2 [Train 42] arr London Old Oak
11:06:39 London Old Oak Signal Turns Red
11:07:32 HS2 [Train 29] arr Block13
11:07:32 Block13 Signal Turns Red
11:07:37 HS2 [Train 29 ] dep Block13 for Block14
11:07:42 Block13 Signal Turns Green
11:08:35 HS2 [Train 30 ] arr Block12
11:08:35 Block12 Signal Turns Red
11:08:40 HS2 [Train 30 ] dep Block12 for Block13
11:08:45 Block12 Signal Turns Green
11:08:58 HS2 [Train 33] arr Block9
11:08:58 Block9 Signal Turns Red
11:09:18 HS2 [Train 34 ] arr Block8
11:09:18 Block8 Signal Turns Red
11:09:29 HS2 [Train 35 ] arr Block7
11:09:29 Block7 Signal Turns Red
```

```
11:09:42 HS2 [Train 37] arr Block5
11:09:42 Block5 Signal Turns Red
11:09:51 HS2 [Train 38] arr Block4
11:09:51 Block4 Signal Turns Red
11:09:52 HS2 [Train 31 ] arr Block11
11:09:52 Block11 Signal Turns Red
11:09:57 HS2 [Train 31] dep Block11 for Block12
11:10:02 Block11 Signal Turns Green
11:10:15 HS2 [Train 32 ] arr Block10
11:10:15 Block10 Signal Turns Red
11:10:18 HS2 [Train 41] arr Block1
11:10:18 Block1 Signal Turns Red
11:10:19 HS2 [Train 39 ] arr Block3
11:10:19 Block3 Signal Turns Red
11:10:20 HS2 [Train 32 ] dep Block10 for Block11
11:10:20 HS2 [Train 36 ] arr Block6
11:10:20 Block6 Signal Turns Red
11:10:25 Block10 Signal Turns Green
11:10:30 HS2 [Train 33 ] dep Block9 for Block10
11:10:30 HS2 [Train 40 ] arr Block2
11:10:30 Block2 Signal Turns Red
11:10:35 Block9 Signal Turns Green
11:10:40 HS2 [Train 34] dep Block8 for Block9
11:10:45 Block8 Signal Turns Green
11:10:50 HS2 [Train 35] dep Block7 for Block8
11:10:55 Block7 Signal Turns Green
11:11:00 HS2 [Train 36] dep Block6 for Block7
11:11:05 Block6 Signal Turns Green
11:11:10 HS2 [Train 37] dep Block5 for Block6
11:11:15 Block5 Signal Turns Green
11:11:20 HS2 [Train 38] dep Block4 for Block5
11:11:25 Block4 Signal Turns Green
11:11:30 HS2 [Train 39 ] dep Block3 for Block4
11:11:35 Block3 Signal Turns Green
11:11:40 HS2 [Train 40 ] dep Block2 for Block3
11:11:45 Block2 Signal Turns Green
11:11:47 HS2 [Train 29] arr Block14
11:11:47 Block14 Signal Turns Red
11:11:50 HS2 [Train 41] dep Block1 for Block2
11:11:52 HS2 [Train 29 ] dep Block14 for London Old Oak (DEPOT)
11:11:55 Block1 Signal Turns Green
11:11:57 Block14 Signal Turns Green
11:12:00 HS2 [Train 42 ] dep London Old Oak for Block1
11:12:05 London Old Oak Signal Turns Green
11:12:10 HS2 [Train 43] dep London Old Oak (DEPOT) for London Old Oak
11:12:12 HS2 [Train 29] arr London Old Oak (DEPOT)
11:12:12 London Old Oak (DEPOT) Signal Turns Red
11:12:30 HS2 [Train 43] arr London Old Oak
11:12:30 London Old Oak Signal Turns Red
11:13:24 HS2 [Train 30 ] arr Block13
11:13:24 Block13 Signal Turns Red
11:13:29 HS2 [Train 30 ] dep Block13 for Block14
11:13:34 Block13 Signal Turns Green
11:14:26 HS2 [Train 31] arr Block12
11:14:26 Block12 Signal Turns Red
11:14:31 HS2 [Train 31 ] dep Block12 for Block13
11:14:36 Block12 Signal Turns Green
```

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11:14:50 HS2 [Train 34] arr Block9
11:14:50 Block9 Signal Turns Red
11:15:09 HS2 [Train 35] arr Block8
11:15:09 Block8 Signal Turns Red
11:15:20 HS2 [Train 36 ] arr Block7
11:15:20 Block7 Signal Turns Red
11:15:34 HS2 [Train 38 ] arr Block5
11:15:34 Block5 Signal Turns Red
11:15:43 HS2 [Train 39 ] arr Block4
11:15:43 Block4 Signal Turns Red
11:15:44 HS2 [Train 32 ] arr Block11
11:15:44 Block11 Signal Turns Red
11:15:49 HS2 [Train 32 ] dep Block11 for Block12
11:15:54 Block11 Signal Turns Green
11:16:07 HS2 [Train 33 ] arr Block10
11:16:07 Block10 Signal Turns Red
11:16:10 HS2 [Train 42 ] arr Block1
11:16:10 Block1 Signal Turns Red
11:16:10 HS2 [Train 40 ] arr Block3
11:16:10 Block3 Signal Turns Red
11:16:12 HS2 [Train 33 ] dep Block10 for Block11
11:16:12 HS2 [Train 37] arr Block6
11:16:12 Block6 Signal Turns Red
11:16:17 Block10 Signal Turns Green
11:16:22 HS2 [Train 34] dep Block9 for Block10
11:16:22 HS2 [Train 41] arr Block2
11:16:22 Block2 Signal Turns Red
11:16:27 Block9 Signal Turns Green
11:16:32 HS2 [Train 35] dep Block8 for Block9
11:16:37 Block8 Signal Turns Green
11:16:42 HS2 [Train 36 ] dep Block7 for Block8
11:16:47 Block7 Signal Turns Green
11:16:52 HS2 [Train 37] dep Block6 for Block7
11:16:57 Block6 Signal Turns Green
11:17:02 HS2 [Train 38] dep Block5 for Block6
11:17:07 Block5 Signal Turns Green
11:17:12 HS2 [Train 39 ] dep Block4 for Block5
11:17:17 Block4 Signal Turns Green
11:17:22 HS2 [Train 40 ] dep Block3 for Block4
11:17:27 Block3 Signal Turns Green
11:17:32 HS2 [Train 41] dep Block2 for Block3
11:17:37 Block2 Signal Turns Green
11:17:38 HS2 [Train 30 ] arr Block14
11:17:38 Block14 Signal Turns Red
11:17:42 HS2 [Train 42 ] dep Block1 for Block2
11:17:43 HS2 [Train 30 ] dep Block14 for London Old Oak (DEPOT)
11:17:47 Block1 Signal Turns Green
11:17:48 Block14 Signal Turns Green
11:17:52 HS2 [Train 43 ] dep London Old Oak for Block1
11:17:57 London Old Oak Signal Turns Green
11:18:02 HS2 [Train 44 ] dep London Old Oak (DEPOT) for London Old Oak
11:18:03 HS2 [Train 30 ] arr London Old Oak (DEPOT)
11:18:03 London Old Oak (DEPOT) Signal Turns Red
11:18:22 HS2 [Train 44] arr London Old Oak
11:18:22 London Old Oak Signal Turns Red
11:19:16 HS2 [Train 31] arr Block13
11:19:16 Block13 Signal Turns Red
```

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11:19:21 HS2 [Train 31] dep Block13 for Block14
11:19:26 Block13 Signal Turns Green
11:20:18 HS2 [Train 32 ] arr Block12
11:20:18 Block12 Signal Turns Red
11:20:23 HS2 [Train 32 ] dep Block12 for Block13
11:20:28 Block12 Signal Turns Green
11:20:41 HS2 [Train 35] arr Block9
11:20:41 Block9 Signal Turns Red
11:21:01 HS2 [Train 36] arr Block8
11:21:01 Block8 Signal Turns Red
11:21:12 HS2 [Train 37] arr Block7
11:21:12 Block7 Signal Turns Red
11:21:26 HS2 [Train 39 ] arr Block5
11:21:26 Block5 Signal Turns Red
11:21:34 HS2 [Train 40 ] arr Block4
11:21:34 Block4 Signal Turns Red
11:21:35 HS2 [Train 33 ] arr Block11
11:21:35 Block11 Signal Turns Red
11:21:40 HS2 [Train 33 ] dep Block11 for Block12
11:21:45 Block11 Signal Turns Green
11:21:58 HS2 [Train 34 ] arr Block10
11:21:58 Block10 Signal Turns Red
11:22:01 HS2 [Train 43] arr Block1
11:22:01 Block1 Signal Turns Red
11:22:02 HS2 [Train 41] arr Block3
11:22:02 Block3 Signal Turns Red
11:22:03 HS2 [Train 34 ] dep Block10 for Block11
11:22:03 HS2 [Train 38] arr Block6
11:22:03 Block6 Signal Turns Red
11:22:08 Block10 Signal Turns Green
11:22:13 HS2 [Train 35] dep Block9 for Block10
11:22:14 HS2 [Train 42 ] arr Block2
11:22:14 Block2 Signal Turns Red
11:22:18 Block9 Signal Turns Green
11:22:23 HS2 [Train 36 ] dep Block8 for Block9
11:22:28 Block8 Signal Turns Green
11:22:33 HS2 [Train 37] dep Block7 for Block8
11:22:38 Block7 Signal Turns Green
11:22:43 HS2 [Train 38 ] dep Block6 for Block7
11:22:48 Block6 Signal Turns Green
11:22:53 HS2 [Train 39 ] dep Block5 for Block6
11:22:58 Block5 Signal Turns Green
11:23:03 HS2 [Train 40 ] dep Block4 for Block5
11:23:08 Block4 Signal Turns Green
11:23:13 HS2 [Train 41] dep Block3 for Block4
11:23:18 Block3 Signal Turns Green
11:23:23 HS2 [Train 42] dep Block2 for Block3
11:23:28 Block2 Signal Turns Green
11:23:30 HS2 [Train 31] arr Block14
11:23:30 Block14 Signal Turns Red
11:23:33 HS2 [Train 43 ] dep Block1 for Block2
11:23:35 HS2 [Train 31] dep Block14 for London Old Oak (DEPOT)
11:23:38 Block1 Signal Turns Green
11:23:40 Block14 Signal Turns Green
11:23:43 HS2 [Train 44] dep London Old Oak for Block1
11:23:48 London Old Oak Signal Turns Green
11:23:53 HS2 [Train 45] dep London Old Oak (DEPOT) for London Old Oak
```

11:23:55 HS2 [Train 31] arr London Old Oak (DEPOT)

11:23:55 London Old Oak (DEPOT) Signal Turns Red

11:24:13 HS2 [Train 45] arr London Old Oak

11:24:13 London Old Oak Signal Turns Red

11:25:07 HS2 [Train 32] arr Block13

11:25:07 Block13 Signal Turns Red

11:25:12 HS2 [Train 32] dep Block13 for Block14

11:25:17 Block13 Signal Turns Green

11:26:09 HS2 [Train 33] arr Block12

11:26:09 Block12 Signal Turns Red

11:26:14 HS2 [Train 33] dep Block12 for Block13

11:26:19 Block12 Signal Turns Green

11:26:33 HS2 [Train 36] arr Block9

11:26:33 Block9 Signal Turns Red

11:26:53 HS2 [Train 37] arr Block8

11:26:53 Block8 Signal Turns Red

11:27:03 HS2 [Train 38] arr Block7

11:27:03 Block7 Signal Turns Red

11:27:17 HS2 [Train 40] arr Block5

11:27:17 Block5 Signal Turns Red

11:27:26 HS2 [Train 41] arr Block4

11:27:26 Block4 Signal Turns Red

11:27:27 HS2 [Train 34] arr Block11

11:27:27 Block11 Signal Turns Red

11:27:32 HS2 [Train 34] dep Block11 for Block12

11:27:37 Block11 Signal Turns Green

11:27:50 HS2 [Train 35] arr Block10

11:27:50 Block10 Signal Turns Red

11:27:53 HS2 [Train 44] arr Block1

11:27:53 Block1 Signal Turns Red

11:27:54 HS2 [Train 42] arr Block3

11:27:54 Block3 Signal Turns Red

11:27:55 HS2 [Train 35] dep Block10 for Block11

11:27:55 HS2 [Train 39] arr Block6

11:27:55 Block6 Signal Turns Red

11:28:00 Block10 Signal Turns Green

11:28:05 HS2 [Train 36] dep Block9 for Block10

11:28:05 HS2 [Train 43] arr Block2

11:28:05 Block2 Signal Turns Red

11:28:10 Block9 Signal Turns Green

11:28:15 HS2 [Train 37] dep Block8 for Block9

11:28:20 Block8 Signal Turns Green

11:28:25 HS2 [Train 38] dep Block7 for Block8

11:28:30 Block7 Signal Turns Green

11:28:35 HS2 [Train 39] dep Block6 for Block7

11:28:40 Block6 Signal Turns Green

11:28:45 HS2 [Train 40] dep Block5 for Block6

11:28:50 Block5 Signal Turns Green

11:28:55 HS2 [Train 41] dep Block4 for Block5

11:29:00 Block4 Signal Turns Green

11:29:05 HS2 [Train 42] dep Block3 for Block4

11:29:10 Block3 Signal Turns Green

11:29:15 HS2 [Train 43] dep Block2 for Block3

11:29:20 Block2 Signal Turns Green

11:29:22 HS2 [Train 32] arr Block14

11:29:22 Block14 Signal Turns Red

11:29:25 HS2 [Train 44] dep Block1 for Block2

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x18203621 MSO CA1 Code
11:29:27 HS2 [Train 32] dep Block14 for London Old Oak (DEPOT)
11:29:30 Block1 Signal Turns Green
11:29:32 Block14 Signal Turns Green
11:29:35 HS2 [Train 45 ] dep London Old Oak for Block1
11:29:40 London Old Oak Signal Turns Green
11:29:45 HS2 [Train 46 ] dep London Old Oak (DEPOT) for London Old Oak
11:29:47 HS2 [Train 32] arr London Old Oak (DEPOT)
11:29:47 London Old Oak (DEPOT) Signal Turns Red
11:30:05 HS2 [Train 46] arr London Old Oak
11:30:05 London Old Oak Signal Turns Red
11:30:59 HS2 [Train 33 ] arr Block13
11:30:59 Block13 Signal Turns Red
11:31:04 HS2 [Train 33 ] dep Block13 for Block14
11:31:09 Block13 Signal Turns Green
11:32:01 HS2 [Train 34] arr Block12
11:32:01 Block12 Signal Turns Red
11:32:06 HS2 [Train 34 ] dep Block12 for Block13
11:32:11 Block12 Signal Turns Green
11:32:24 HS2 [Train 37] arr Block9
11:32:24 Block9 Signal Turns Red
11:32:44 HS2 [Train 38 ] arr Block8
11:32:44 Block8 Signal Turns Red
11:32:55 HS2 [Train 39 ] arr Block7
11:32:55 Block7 Signal Turns Red
11:33:09 HS2 [Train 41] arr Block5
11:33:09 Block5 Signal Turns Red
11:33:17 HS2 [Train 42 ] arr Block4
11:33:17 Block4 Signal Turns Red
11:33:18 HS2 [Train 35] arr Block11
11:33:18 Block11 Signal Turns Red
11:33:23 HS2 [Train 35] dep Block11 for Block12
11:33:28 Block11 Signal Turns Green
11:33:42 HS2 [Train 36 ] arr Block10
11:33:42 Block10 Signal Turns Red
11:33:44 HS2 [Train 45] arr Block1
11:33:44 Block1 Signal Turns Red
11:33:45 HS2 [Train 43] arr Block3
11:33:45 Block3 Signal Turns Red
11:33:47 HS2 [Train 36 ] dep Block10 for Block11
11:33:47 HS2 [Train 40 ] arr Block6
11:33:47 Block6 Signal Turns Red
11:33:52 Block10 Signal Turns Green
11:33:57 HS2 [Train 37] dep Block9 for Block10
11:33:57 HS2 [Train 44 ] arr Block2
11:33:57 Block2 Signal Turns Red
11:34:02 Block9 Signal Turns Green
11:34:07 HS2 [Train 38] dep Block8 for Block9
11:34:12 Block8 Signal Turns Green
11:34:17 HS2 [Train 39 ] dep Block7 for Block8
11:34:22 Block7 Signal Turns Green
11:34:27 HS2 [Train 40 ] dep Block6 for Block7
11:34:32 Block6 Signal Turns Green
11:34:37 HS2 [Train 41] dep Block5 for Block6
11:34:42 Block5 Signal Turns Green
11:34:47 HS2 [Train 42 ] dep Block4 for Block5
11:34:52 Block4 Signal Turns Green
11:34:57 HS2 [Train 43 ] dep Block3 for Block4
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x18203621_MSO_CA1_Code
11:35:02 Block3 Signal Turns Green
11:35:07 HS2 [Train 44 ] dep Block2 for Block3
11:35:12 Block2 Signal Turns Green
11:35:13 HS2 [Train 33 ] arr Block14
11:35:13 Block14 Signal Turns Red
11:35:17 HS2 [Train 45] dep Block1 for Block2
11:35:18 HS2 [Train 33 ] dep Block14 for London Old Oak (DEPOT)
11:35:22 Block1 Signal Turns Green
11:35:23 Block14 Signal Turns Green
11:35:27 HS2 [Train 46 ] dep London Old Oak for Block1
11:35:32 London Old Oak Signal Turns Green
11:35:37 HS2 [Train 47] dep London Old Oak (DEPOT) for London Old Oak
11:35:38 HS2 [Train 33] arr London Old Oak (DEPOT)
11:35:38 London Old Oak (DEPOT) Signal Turns Red
11:35:57 HS2 [Train 47] arr London Old Oak
11:35:57 London Old Oak Signal Turns Red
11:36:50 HS2 [Train 34] arr Block13
11:36:50 Block13 Signal Turns Red
11:36:55 HS2 [Train 34] dep Block13 for Block14
11:37:00 Block13 Signal Turns Green
11:37:53 HS2 [Train 35 ] arr Block12
11:37:53 Block12 Signal Turns Red
11:37:58 HS2 [Train 35 ] dep Block12 for Block13
11:38:03 Block12 Signal Turns Green
11:38:16 HS2 [Train 38] arr Block9
11:38:16 Block9 Signal Turns Red
11:38:36 HS2 [Train 39 ] arr Block8
11:38:36 Block8 Signal Turns Red
11:38:46 HS2 [Train 40 ] arr Block7
11:38:46 Block7 Signal Turns Red
11:39:00 HS2 [Train 42] arr Block5
11:39:00 Block5 Signal Turns Red
11:39:09 HS2 [Train 43] arr Block4
11:39:09 Block4 Signal Turns Red
11:39:10 HS2 [Train 36 ] arr Block11
11:39:10 Block11 Signal Turns Red
11:39:15 HS2 [Train 36] dep Block11 for Block12
11:39:20 Block11 Signal Turns Green
11:39:33 HS2 [Train 37] arr Block10
11:39:33 Block10 Signal Turns Red
11:39:36 HS2 [Train 46] arr Block1
11:39:36 Block1 Signal Turns Red
11:39:37 HS2 [Train 44 ] arr Block3
11:39:37 Block3 Signal Turns Red
11:39:38 HS2 [Train 37 ] dep Block10 for Block11
11:39:38 HS2 [Train 41] arr Block6
11:39:38 Block6 Signal Turns Red
11:39:43 Block10 Signal Turns Green
11:39:48 HS2 [Train 38 ] dep Block9 for Block10
11:39:48 HS2 [Train 45] arr Block2
11:39:48 Block2 Signal Turns Red
11:39:53 Block9 Signal Turns Green
11:39:58 HS2 [Train 39 ] dep Block8 for Block9
11:40:03 Block8 Signal Turns Green
11:40:08 HS2 [Train 40 ] dep Block7 for Block8
11:40:13 Block7 Signal Turns Green
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11:40:18 HS2 [Train 41] dep Block6 for Block7

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x18203621_MSO_CA1_Code
11:40:23 Block6 Signal Turns Green
11:40:28 HS2 [Train 42 ] dep Block5 for Block6
11:40:33 Block5 Signal Turns Green
11:40:38 HS2 [Train 43 ] dep Block4 for Block5
11:40:43 Block4 Signal Turns Green
11:40:48 HS2 [Train 44] dep Block3 for Block4
11:40:53 Block3 Signal Turns Green
11:40:58 HS2 [Train 45 ] dep Block2 for Block3
11:41:03 Block2 Signal Turns Green
11:41:05 HS2 [Train 34 ] arr Block14
11:41:05 Block14 Signal Turns Red
11:41:08 HS2 [Train 46 ] dep Block1 for Block2
11:41:10 HS2 [Train 34] dep Block14 for London Old Oak (DEPOT)
11:41:13 Block1 Signal Turns Green
11:41:15 Block14 Signal Turns Green
11:41:18 HS2 [Train 47] dep London Old Oak for Block1
11:41:23 London Old Oak Signal Turns Green
11:41:28 HS2 [Train 48] dep London Old Oak (DEPOT) for London Old Oak
11:41:30 HS2 [Train 34] arr London Old Oak (DEPOT)
11:41:30 London Old Oak (DEPOT) Signal Turns Red
11:41:48 HS2 [Train 48] arr London Old Oak
11:41:48 London Old Oak Signal Turns Red
11:42:42 HS2 [Train 35] arr Block13
11:42:42 Block13 Signal Turns Red
11:42:47 HS2 [Train 35] dep Block13 for Block14
11:42:52 Block13 Signal Turns Green
11:43:44 HS2 [Train 36] arr Block12
11:43:44 Block12 Signal Turns Red
11:43:49 HS2 [Train 36] dep Block12 for Block13
11:43:54 Block12 Signal Turns Green
11:44:07 HS2 [Train 39] arr Block9
11:44:07 Block9 Signal Turns Red
11:44:27 HS2 [Train 40] arr Block8
11:44:27 Block8 Signal Turns Red
11:44:38 HS2 [Train 41] arr Block7
11:44:38 Block7 Signal Turns Red
11:44:52 HS2 [Train 43] arr Block5
11:44:52 Block5 Signal Turns Red
11:45:00 HS2 [Train 44] arr Block4
11:45:00 Block4 Signal Turns Red
11:45:01 HS2 [Train 37] arr Block11
11:45:01 Block11 Signal Turns Red
11:45:06 HS2 [Train 37 ] dep Block11 for Block12
11:45:11 Block11 Signal Turns Green
11:45:25 HS2 [Train 38 ] arr Block10
11:45:25 Block10 Signal Turns Red
11:45:28 HS2 [Train 47] arr Block1
11:45:28 Block1 Signal Turns Red
11:45:28 HS2 [Train 45] arr Block3
11:45:28 Block3 Signal Turns Red
11:45:30 HS2 [Train 38 ] dep Block10 for Block11
11:45:30 HS2 [Train 42 ] arr Block6
11:45:30 Block6 Signal Turns Red
11:45:35 Block10 Signal Turns Green
11:45:40 HS2 [Train 39 ] dep Block9 for Block10
```

11:45:40 HS2 [Train 46] arr Block2 11:45:40 Block2 Signal Turns Red

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x18203621_MSO_CA1_Code
11:45:45 Block9 Signal Turns Green
11:45:50 HS2 [Train 40 ] dep Block8 for Block9
11:45:55 Block8 Signal Turns Green
11:46:00 HS2 [Train 41 ] dep Block7 for Block8
11:46:05 Block7 Signal Turns Green
11:46:10 HS2 [Train 42] dep Block6 for Block7
11:46:15 Block6 Signal Turns Green
11:46:20 HS2 [Train 43 ] dep Block5 for Block6
11:46:25 Block5 Signal Turns Green
11:46:30 HS2 [Train 44] dep Block4 for Block5
11:46:35 Block4 Signal Turns Green
11:46:40 HS2 [Train 45] dep Block3 for Block4
11:46:45 Block3 Signal Turns Green
11:46:50 HS2 [Train 46 ] dep Block2 for Block3
11:46:55 Block2 Signal Turns Green
11:46:56 HS2 [Train 35] arr Block14
11:46:56 Block14 Signal Turns Red
11:47:00 HS2 [Train 47] dep Block1 for Block2
11:47:01 HS2 [Train 35] dep Block14 for London Old Oak (DEPOT)
11:47:05 Block1 Signal Turns Green
11:47:06 Block14 Signal Turns Green
11:47:10 HS2 [Train 48] dep London Old Oak for Block1
11:47:15 London Old Oak Signal Turns Green
11:47:20 HS2 [Train 49] dep London Old Oak (DEPOT) for London Old Oak
11:47:21 HS2 [Train 35] arr London Old Oak (DEPOT)
11:47:21 London Old Oak (DEPOT) Signal Turns Red
11:47:40 HS2 [Train 49] arr London Old Oak
11:47:40 London Old Oak Signal Turns Red
11:48:34 HS2 [Train 36] arr Block13
11:48:34 Block13 Signal Turns Red
11:48:39 HS2 [Train 36] dep Block13 for Block14
11:48:44 Block13 Signal Turns Green
11:49:36 HS2 [Train 37] arr Block12
11:49:36 Block12 Signal Turns Red
11:49:41 HS2 [Train 37] dep Block12 for Block13
11:49:46 Block12 Signal Turns Green
11:49:59 HS2 [Train 40 ] arr Block9
11:49:59 Block9 Signal Turns Red
11:50:19 HS2 [Train 41 ] arr Block8
11:50:19 Block8 Signal Turns Red
11:50:30 HS2 [Train 42 ] arr Block7
11:50:30 Block7 Signal Turns Red
11:50:43 HS2 [Train 44] arr Block5
11:50:43 Block5 Signal Turns Red
11:50:52 HS2 [Train 45] arr Block4
11:50:52 Block4 Signal Turns Red
11:50:53 HS2 [Train 38] arr Block11
11:50:53 Block11 Signal Turns Red
11:50:58 HS2 [Train 38 ] dep Block11 for Block12
11:51:03 Block11 Signal Turns Green
11:51:16 HS2 [Train 39 ] arr Block10
11:51:16 Block10 Signal Turns Red
11:51:19 HS2 [Train 48] arr Block1
11:51:19 Block1 Signal Turns Red
11:51:20 HS2 [Train 46] arr Block3
11:51:20 Block3 Signal Turns Red
```

11:51:21 HS2 [Train 39] dep Block10 for Block11

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x18203621_MSO_CA1_Code
11:51:21 HS2 [Train 43] arr Block6
11:51:21 Block6 Signal Turns Red
11:51:26 Block10 Signal Turns Green
11:51:31 HS2 [Train 40 ] dep Block9 for Block10
11:51:31 HS2 [Train 47] arr Block2
11:51:31 Block2 Signal Turns Red
11:51:36 Block9 Signal Turns Green
11:51:41 HS2 [Train 41] dep Block8 for Block9
11:51:46 Block8 Signal Turns Green
11:51:51 HS2 [Train 42 ] dep Block7 for Block8
11:51:56 Block7 Signal Turns Green
11:52:01 HS2 [Train 43] dep Block6 for Block7
11:52:06 Block6 Signal Turns Green
11:52:11 HS2 [Train 44 ] dep Block5 for Block6
11:52:16 Block5 Signal Turns Green
11:52:21 HS2 [Train 45] dep Block4 for Block5
11:52:26 Block4 Signal Turns Green
11:52:31 HS2 [Train 46 ] dep Block3 for Block4
11:52:36 Block3 Signal Turns Green
11:52:41 HS2 [Train 47] dep Block2 for Block3
11:52:46 Block2 Signal Turns Green
11:52:48 HS2 [Train 36] arr Block14
11:52:48 Block14 Signal Turns Red
11:52:51 HS2 [Train 48 ] dep Block1 for Block2
11:52:53 HS2 [Train 36] dep Block14 for London Old Oak (DEPOT)
11:52:56 Block1 Signal Turns Green
11:52:58 Block14 Signal Turns Green
11:53:01 HS2 [Train 49 ] dep London Old Oak for Block1
11:53:06 London Old Oak Signal Turns Green
11:53:11 HS2 [Train 50 ] dep London Old Oak (DEPOT) for London Old Oak
11:53:13 HS2 [Train 36] arr London Old Oak (DEPOT)
11:53:13 London Old Oak (DEPOT) Signal Turns Red
11:53:31 HS2 [Train 50 ] arr London Old Oak
11:53:31 London Old Oak Signal Turns Red
11:54:25 HS2 [Train 37] arr Block13
11:54:25 Block13 Signal Turns Red
11:54:30 HS2 [Train 37] dep Block13 for Block14
11:54:35 Block13 Signal Turns Green
11:55:27 HS2 [Train 38 ] arr Block12
11:55:27 Block12 Signal Turns Red
11:55:32 HS2 [Train 38 ] dep Block12 for Block13
11:55:37 Block12 Signal Turns Green
11:55:51 HS2 [Train 41] arr Block9
11:55:51 Block9 Signal Turns Red
11:56:11 HS2 [Train 42 ] arr Block8
11:56:11 Block8 Signal Turns Red
11:56:21 HS2 [Train 43] arr Block7
11:56:21 Block7 Signal Turns Red
11:56:35 HS2 [Train 45] arr Block5
11:56:35 Block5 Signal Turns Red
11:56:44 HS2 [Train 46] arr Block4
11:56:44 Block4 Signal Turns Red
11:56:45 HS2 [Train 39] arr Block11
11:56:45 Block11 Signal Turns Red
11:56:50 HS2 [Train 39 ] dep Block11 for Block12
11:56:55 Block11 Signal Turns Green
11:57:08 HS2 [Train 40 ] arr Block10
```

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x18203621_MSO_CA1_Code
11:57:08 Block10 Signal Turns Red
11:57:11 HS2 [Train 49 ] arr Block1
11:57:11 Block1 Signal Turns Red
11:57:11 HS2 [Train 47] arr Block3
11:57:11 Block3 Signal Turns Red
11:57:13 HS2 [Train 40 ] dep Block10 for Block11
11:57:13 HS2 [Train 44 ] arr Block6
11:57:13 Block6 Signal Turns Red
11:57:18 Block10 Signal Turns Green
11:57:23 HS2 [Train 41] dep Block9 for Block10
11:57:23 HS2 [Train 48] arr Block2
11:57:23 Block2 Signal Turns Red
11:57:28 Block9 Signal Turns Green
11:57:33 HS2 [Train 42 ] dep Block8 for Block9
11:57:38 Block8 Signal Turns Green
11:57:43 HS2 [Train 43 ] dep Block7 for Block8
11:57:48 Block7 Signal Turns Green
11:57:53 HS2 [Train 44 ] dep Block6 for Block7
11:57:58 Block6 Signal Turns Green
11:58:03 HS2 [Train 45 ] dep Block5 for Block6
11:58:08 Block5 Signal Turns Green
11:58:13 HS2 [Train 46 ] dep Block4 for Block5
11:58:18 Block4 Signal Turns Green
11:58:23 HS2 [Train 47] dep Block3 for Block4
11:58:28 Block3 Signal Turns Green
11:58:33 HS2 [Train 48 ] dep Block2 for Block3
11:58:38 Block2 Signal Turns Green
11:58:40 HS2 [Train 37] arr Block14
11:58:40 Block14 Signal Turns Red
11:58:43 HS2 [Train 49 ] dep Block1 for Block2
11:58:45 HS2 [Train 37] dep Block14 for London Old Oak (DEPOT)
11:58:48 Block1 Signal Turns Green
11:58:50 Block14 Signal Turns Green
11:58:53 HS2 [Train 50 ] dep London Old Oak for Block1
11:58:58 London Old Oak Signal Turns Green
11:59:03 HS2 [Train 51] dep London Old Oak (DEPOT) for London Old Oak
11:59:05 HS2 [Train 37] arr London Old Oak (DEPOT)
11:59:05 London Old Oak (DEPOT) Signal Turns Red
11:59:23 HS2 [Train 51] arr London Old Oak
11:59:23 London Old Oak Signal Turns Red
12:00:17 HS2 [Train 38 ] arr Block13
12:00:17 Block13 Signal Turns Red
12:00:22 HS2 [Train 38 ] dep Block13 for Block14
12:00:27 Block13 Signal Turns Green
12:01:19 HS2 [Train 39 ] arr Block12
12:01:19 Block12 Signal Turns Red
12:01:24 HS2 [Train 39 ] dep Block12 for Block13
12:01:29 Block12 Signal Turns Green
12:01:42 HS2 [Train 42] arr Block9
12:01:42 Block9 Signal Turns Red
12:02:02 HS2 [Train 43 ] arr Block8
12:02:02 Block8 Signal Turns Red
12:02:13 HS2 [Train 44] arr Block7
12:02:13 Block7 Signal Turns Red
12:02:27 HS2 [Train 46 ] arr Block5
12:02:27 Block5 Signal Turns Red
12:02:35 HS2 [Train 47] arr Block4
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12:02:35 Block4 Signal Turns Red
12:02:36 HS2 [Train 40 ] arr Block11
12:02:36 Block11 Signal Turns Red
12:02:41 HS2 [Train 40 ] dep Block11 for Block12
12:02:46 Block11 Signal Turns Green
12:02:59 HS2 [Train 41] arr Block10
12:02:59 Block10 Signal Turns Red
12:03:02 HS2 [Train 50 ] arr Block1
12:03:02 Block1 Signal Turns Red
12:03:03 HS2 [Train 48 ] arr Block3
12:03:03 Block3 Signal Turns Red
12:03:04 HS2 [Train 41 ] dep Block10 for Block11
12:03:05 HS2 [Train 45] arr Block6
12:03:05 Block6 Signal Turns Red
12:03:09 Block10 Signal Turns Green
12:03:14 HS2 [Train 42 ] dep Block9 for Block10
12:03:15 HS2 [Train 49 ] arr Block2
12:03:15 Block2 Signal Turns Red
12:03:19 Block9 Signal Turns Green
12:03:24 HS2 [Train 43 ] dep Block8 for Block9
12:03:29 Block8 Signal Turns Green
12:03:34 HS2 [Train 44] dep Block7 for Block8
12:03:39 Block7 Signal Turns Green
12:03:44 HS2 [Train 45 ] dep Block6 for Block7
12:03:49 Block6 Signal Turns Green
12:03:54 HS2 [Train 46 ] dep Block5 for Block6
12:03:59 Block5 Signal Turns Green
12:04:04 HS2 [Train 47] dep Block4 for Block5
12:04:09 Block4 Signal Turns Green
12:04:14 HS2 [Train 48 ] dep Block3 for Block4
12:04:19 Block3 Signal Turns Green
12:04:24 HS2 [Train 49 ] dep Block2 for Block3
12:04:29 Block2 Signal Turns Green
12:04:31 HS2 [Train 38] arr Block14
12:04:31 Block14 Signal Turns Red
12:04:34 HS2 [Train 50 ] dep Block1 for Block2
12:04:36 HS2 [Train 38] dep Block14 for London Old Oak (DEPOT)
12:04:39 Block1 Signal Turns Green
12:04:41 Block14 Signal Turns Green
12:04:44 HS2 [Train 51] dep London Old Oak for Block1
12:04:49 London Old Oak Signal Turns Green
12:04:54 HS2 [Train 52] dep London Old Oak (DEPOT) for London Old Oak
12:04:56 HS2 [Train 38 ] arr London Old Oak (DEPOT)
12:04:56 London Old Oak (DEPOT) Signal Turns Red
12:05:14 HS2 [Train 52 ] arr London Old Oak
12:05:14 London Old Oak Signal Turns Red
12:06:08 HS2 [Train 39] arr Block13
12:06:08 Block13 Signal Turns Red
12:06:13 HS2 [Train 39 ] dep Block13 for Block14
12:06:18 Block13 Signal Turns Green
12:07:10 HS2 [Train 40 ] arr Block12
12:07:10 Block12 Signal Turns Red
12:07:15 HS2 [Train 40 ] dep Block12 for Block13
12:07:20 Block12 Signal Turns Green
12:07:34 HS2 [Train 43 ] arr Block9
12:07:34 Block9 Signal Turns Red
12:07:54 HS2 [Train 44 ] arr Block8
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12:07:54 Block8 Signal Turns Red
12:08:04 HS2 [Train 45] arr Block7
12:08:04 Block7 Signal Turns Red
12:08:18 HS2 [Train 47] arr Block5
12:08:18 Block5 Signal Turns Red
12:08:27 HS2 [Train 48] arr Block4
12:08:27 Block4 Signal Turns Red
12:08:28 HS2 [Train 41] arr Block11
12:08:28 Block11 Signal Turns Red
12:08:33 HS2 [Train 41 ] dep Block11 for Block12
12:08:38 Block11 Signal Turns Green
12:08:51 HS2 [Train 42] arr Block10
12:08:51 Block10 Signal Turns Red
12:08:54 HS2 [Train 51] arr Block1
12:08:54 Block1 Signal Turns Red
12:08:55 HS2 [Train 49 ] arr Block3
12:08:55 Block3 Signal Turns Red
12:08:56 HS2 [Train 42 ] dep Block10 for Block11
12:08:56 HS2 [Train 46 ] arr Block6
12:08:56 Block6 Signal Turns Red
12:09:01 Block10 Signal Turns Green
12:09:06 HS2 [Train 43 ] dep Block9 for Block10
12:09:06 HS2 [Train 50 ] arr Block2
12:09:06 Block2 Signal Turns Red
12:09:11 Block9 Signal Turns Green
12:09:16 HS2 [Train 44 ] dep Block8 for Block9
12:09:21 Block8 Signal Turns Green
12:09:26 HS2 [Train 45 ] dep Block7 for Block8
12:09:31 Block7 Signal Turns Green
12:09:36 HS2 [Train 46 ] dep Block6 for Block7
12:09:41 Block6 Signal Turns Green
12:09:46 HS2 [Train 47] dep Block5 for Block6
12:09:51 Block5 Signal Turns Green
12:09:56 HS2 [Train 48 ] dep Block4 for Block5
12:10:01 Block4 Signal Turns Green
12:10:06 HS2 [Train 49 ] dep Block3 for Block4
12:10:11 Block3 Signal Turns Green
12:10:16 HS2 [Train 50 ] dep Block2 for Block3
12:10:21 Block2 Signal Turns Green
12:10:23 HS2 [Train 39] arr Block14
12:10:23 Block14 Signal Turns Red
12:10:26 HS2 [Train 51 ] dep Block1 for Block2
12:10:28 HS2 [Train 39 ] dep Block14 for London Old Oak (DEPOT)
12:10:31 Block1 Signal Turns Green
12:10:33 Block14 Signal Turns Green
12:10:36 HS2 [Train 52 ] dep London Old Oak for Block1
12:10:41 London Old Oak Signal Turns Green
12:10:46 HS2 [Train 53] dep London Old Oak (DEPOT) for London Old Oak
12:10:48 HS2 [Train 39] arr London Old Oak (DEPOT)
12:10:48 London Old Oak (DEPOT) Signal Turns Red
12:11:06 HS2 [Train 53] arr London Old Oak
12:11:06 London Old Oak Signal Turns Red
12:12:00 HS2 [Train 40 ] arr Block13
12:12:00 Block13 Signal Turns Red
12:12:05 HS2 [Train 40 ] dep Block13 for Block14
12:12:10 Block13 Signal Turns Green
12:13:02 HS2 [Train 41] arr Block12
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12:13:02 Block12 Signal Turns Red
12:13:07 HS2 [Train 41] dep Block12 for Block13
12:13:12 Block12 Signal Turns Green
12:13:25 HS2 [Train 44] arr Block9
12:13:25 Block9 Signal Turns Red
12:13:45 HS2 [Train 45] arr Block8
12:13:45 Block8 Signal Turns Red
12:13:56 HS2 [Train 46 ] arr Block7
12:13:56 Block7 Signal Turns Red
12:14:10 HS2 [Train 48 ] arr Block5
12:14:10 Block5 Signal Turns Red
12:14:18 HS2 [Train 49] arr Block4
12:14:18 Block4 Signal Turns Red
12:14:19 HS2 [Train 42 ] arr Block11
12:14:19 Block11 Signal Turns Red
12:14:24 HS2 [Train 42 ] dep Block11 for Block12
12:14:29 Block11 Signal Turns Green
12:14:43 HS2 [Train 43 ] arr Block10
12:14:43 Block10 Signal Turns Red
12:14:45 HS2 [Train 52] arr Block1
12:14:45 Block1 Signal Turns Red
12:14:46 HS2 [Train 50 ] arr Block3
12:14:46 Block3 Signal Turns Red
12:14:48 HS2 [Train 43 ] dep Block10 for Block11
12:14:48 HS2 [Train 47] arr Block6
12:14:48 Block6 Signal Turns Red
12:14:53 Block10 Signal Turns Green
12:14:58 HS2 [Train 44 ] dep Block9 for Block10
12:14:58 HS2 [Train 51] arr Block2
12:14:58 Block2 Signal Turns Red
12:15:03 Block9 Signal Turns Green
12:15:08 HS2 [Train 45 ] dep Block8 for Block9
12:15:13 Block8 Signal Turns Green
12:15:18 HS2 [Train 46] dep Block7 for Block8
12:15:23 Block7 Signal Turns Green
12:15:28 HS2 [Train 47 ] dep Block6 for Block7
12:15:33 Block6 Signal Turns Green
12:15:38 HS2 [Train 48 ] dep Block5 for Block6
12:15:43 Block5 Signal Turns Green
12:15:48 HS2 [Train 49 ] dep Block4 for Block5
12:15:53 Block4 Signal Turns Green
12:15:58 HS2 [Train 50 ] dep Block3 for Block4
12:16:03 Block3 Signal Turns Green
12:16:08 HS2 [Train 51] dep Block2 for Block3
12:16:13 Block2 Signal Turns Green
12:16:14 HS2 [Train 40 ] arr Block14
12:16:14 Block14 Signal Turns Red
12:16:18 HS2 [Train 52 ] dep Block1 for Block2
12:16:19 HS2 [Train 40 ] dep Block14 for London Old Oak (DEPOT)
12:16:23 Block1 Signal Turns Green
12:16:24 Block14 Signal Turns Green
12:16:28 HS2 [Train 53 ] dep London Old Oak for Block1
12:16:33 London Old Oak Signal Turns Green
12:16:38 HS2 [Train 54] dep London Old Oak (DEPOT) for London Old Oak
12:16:39 HS2 [Train 40 ] arr London Old Oak (DEPOT)
12:16:39 London Old Oak (DEPOT) Signal Turns Red
12:16:58 HS2 [Train 54] arr London Old Oak
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12:16:58 London Old Oak Signal Turns Red
12:17:51 HS2 [Train 41] arr Block13
12:17:51 Block13 Signal Turns Red
12:17:56 HS2 [Train 41] dep Block13 for Block14
12:18:01 Block13 Signal Turns Green
12:18:54 HS2 [Train 42 ] arr Block12
12:18:54 Block12 Signal Turns Red
12:18:59 HS2 [Train 42 ] dep Block12 for Block13
12:19:04 Block12 Signal Turns Green
12:19:17 HS2 [Train 45] arr Block9
12:19:17 Block9 Signal Turns Red
12:19:37 HS2 [Train 46] arr Block8
12:19:37 Block8 Signal Turns Red
12:19:48 HS2 [Train 47] arr Block7
12:19:48 Block7 Signal Turns Red
12:20:01 HS2 [Train 49] arr Block5
12:20:01 Block5 Signal Turns Red
12:20:10 HS2 [Train 50 ] arr Block4
12:20:10 Block4 Signal Turns Red
12:20:11 HS2 [Train 43 ] arr Block11
12:20:11 Block11 Signal Turns Red
12:20:16 HS2 [Train 43 ] dep Block11 for Block12
12:20:21 Block11 Signal Turns Green
12:20:34 HS2 [Train 44 ] arr Block10
12:20:34 Block10 Signal Turns Red
12:20:37 HS2 [Train 53] arr Block1
12:20:37 Block1 Signal Turns Red
12:20:38 HS2 [Train 51] arr Block3
12:20:38 Block3 Signal Turns Red
12:20:39 HS2 [Train 44 ] dep Block10 for Block11
12:20:39 HS2 [Train 48] arr Block6
12:20:39 Block6 Signal Turns Red
12:20:44 Block10 Signal Turns Green
12:20:49 HS2 [Train 45 ] dep Block9 for Block10
12:20:49 HS2 [Train 52 ] arr Block2
12:20:49 Block2 Signal Turns Red
12:20:54 Block9 Signal Turns Green
12:20:59 HS2 [Train 46 ] dep Block8 for Block9
12:21:04 Block8 Signal Turns Green
12:21:09 HS2 [Train 47 ] dep Block7 for Block8
12:21:14 Block7 Signal Turns Green
12:21:19 HS2 [Train 48 ] dep Block6 for Block7
12:21:24 Block6 Signal Turns Green
12:21:29 HS2 [Train 49 ] dep Block5 for Block6
12:21:34 Block 5 Signal Turns Green
12:21:39 HS2 [Train 50 ] dep Block4 for Block5
12:21:44 Block4 Signal Turns Green
12:21:49 HS2 [Train 51] dep Block3 for Block4
12:21:54 Block3 Signal Turns Green
12:21:59 HS2 [Train 52 ] dep Block2 for Block3
12:22:04 Block2 Signal Turns Green
12:22:06 HS2 [Train 41] arr Block14
12:22:06 Block14 Signal Turns Red
12:22:09 HS2 [Train 53 ] dep Block1 for Block2
12:22:11 HS2 [Train 41] dep Block14 for London Old Oak (DEPOT)
12:22:14 Block1 Signal Turns Green
12:22:16 Block14 Signal Turns Green
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x18203621 MSO CA1 Code
12:22:19 HS2 [Train 54] dep London Old Oak for Block1
12:22:24 London Old Oak Signal Turns Green
12:22:29 HS2 [Train 55] dep London Old Oak (DEPOT) for London Old Oak
12:22:31 HS2 [Train 41] arr London Old Oak (DEPOT)
12:22:31 London Old Oak (DEPOT) Signal Turns Red
12:22:49 HS2 [Train 55] arr London Old Oak
12:22:49 London Old Oak Signal Turns Red
12:23:43 HS2 [Train 42] arr Block13
12:23:43 Block13 Signal Turns Red
12:23:48 HS2 [Train 42 ] dep Block13 for Block14
12:23:53 Block13 Signal Turns Green
12:24:45 HS2 [Train 43 ] arr Block12
12:24:45 Block12 Signal Turns Red
12:24:50 HS2 [Train 43 ] dep Block12 for Block13
12:24:55 Block12 Signal Turns Green
12:25:08 HS2 [Train 46] arr Block9
12:25:08 Block9 Signal Turns Red
12:25:28 HS2 [Train 47] arr Block8
12:25:28 Block8 Signal Turns Red
12:25:39 HS2 [Train 48] arr Block7
12:25:39 Block7 Signal Turns Red
12:25:53 HS2 [Train 50 ] arr Block5
12:25:53 Block5 Signal Turns Red
12:26:02 HS2 [Train 51] arr Block4
12:26:02 Block4 Signal Turns Red
12:26:02 HS2 [Train 44] arr Block11
12:26:02 Block11 Signal Turns Red
12:26:07 HS2 [Train 44 ] dep Block11 for Block12
12:26:12 Block11 Signal Turns Green
12:26:26 HS2 [Train 45] arr Block10
12:26:26 Block10 Signal Turns Red
12:26:29 HS2 [Train 54] arr Block1
12:26:29 Block1 Signal Turns Red
12:26:29 HS2 [Train 52] arr Block3
12:26:29 Block3 Signal Turns Red
12:26:31 HS2 [Train 45] dep Block10 for Block11
12:26:31 HS2 [Train 49] arr Block6
12:26:31 Block6 Signal Turns Red
12:26:36 Block10 Signal Turns Green
12:26:41 HS2 [Train 46 ] dep Block9 for Block10
12:26:41 HS2 [Train 53] arr Block2
12:26:41 Block2 Signal Turns Red
12:26:46 Block9 Signal Turns Green
12:26:51 HS2 [Train 47] dep Block8 for Block9
12:26:56 Block8 Signal Turns Green
12:27:01 HS2 [Train 48 ] dep Block7 for Block8
12:27:06 Block7 Signal Turns Green
12:27:11 HS2 [Train 49 ] dep Block6 for Block7
12:27:16 Block6 Signal Turns Green
12:27:21 HS2 [Train 50 ] dep Block5 for Block6
12:27:26 Block Signal Turns Green
12:27:31 HS2 [Train 51 ] dep Block4 for Block5
12:27:36 Block4 Signal Turns Green
12:27:41 HS2 [Train 52] dep Block3 for Block4
12:27:46 Block3 Signal Turns Green
12:27:51 HS2 [Train 53] dep Block2 for Block3
12:27:56 Block2 Signal Turns Green
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12:27:57 HS2 [Train 42] arr Block14
12:27:57 Block14 Signal Turns Red
12:28:01 HS2 [Train 54 ] dep Block1 for Block2
12:28:02 HS2 [Train 42 ] dep Block14 for London Old Oak (DEPOT)
12:28:06 Block1 Signal Turns Green
12:28:07 Block14 Signal Turns Green
12:28:11 HS2 [Train 55] dep London Old Oak for Block1
12:28:16 London Old Oak Signal Turns Green
12:28:21 HS2 [Train 56 ] dep London Old Oak (DEPOT) for London Old Oak
12:28:22 HS2 [Train 42] arr London Old Oak (DEPOT)
12:28:22 London Old Oak (DEPOT) Signal Turns Red
12:28:41 HS2 [Train 56] arr London Old Oak
12:28:41 London Old Oak Signal Turns Red
12:29:35 HS2 [Train 43 ] arr Block13
12:29:35 Block13 Signal Turns Red
12:29:40 HS2 [Train 43 ] dep Block13 for Block14
12:29:45 Block13 Signal Turns Green
12:30:37 HS2 [Train 44] arr Block12
12:30:37 Block12 Signal Turns Red
12:30:42 HS2 [Train 44 ] dep Block12 for Block13
12:30:47 Block12 Signal Turns Green
12:31:00 HS2 [Train 47] arr Block9
12:31:00 Block9 Signal Turns Red
12:31:20 HS2 [Train 48 ] arr Block8
12:31:20 Block8 Signal Turns Red
12:31:31 HS2 [Train 49] arr Block7
12:31:31 Block7 Signal Turns Red
12:31:45 HS2 [Train 51] arr Block5
12:31:45 Block5 Signal Turns Red
12:31:53 HS2 [Train 52 ] arr Block4
12:31:53 Block4 Signal Turns Red
12:31:54 HS2 [Train 45] arr Block11
12:31:54 Block11 Signal Turns Red
12:31:59 HS2 [Train 45 ] dep Block11 for Block12
12:32:04 Block11 Signal Turns Green
12:32:17 HS2 [Train 46 ] arr Block10
12:32:17 Block10 Signal Turns Red
12:32:20 HS2 [Train 55] arr Block1
12:32:20 Block1 Signal Turns Red
12:32:21 HS2 [Train 53 ] arr Block3
12:32:21 Block3 Signal Turns Red
12:32:22 HS2 [Train 46 ] dep Block10 for Block11
12:32:22 HS2 [Train 50 ] arr Block6
12:32:22 Block6 Signal Turns Red
12:32:27 Block10 Signal Turns Green
12:32:32 HS2 [Train 47 ] dep Block9 for Block10
12:32:33 HS2 [Train 54] arr Block2
12:32:33 Block2 Signal Turns Red
12:32:37 Block9 Signal Turns Green
12:32:42 HS2 [Train 48 ] dep Block8 for Block9
12:32:47 Block8 Signal Turns Green
12:32:52 HS2 [Train 49 ] dep Block7 for Block8
12:32:57 Block7 Signal Turns Green
12:33:02 HS2 [Train 50 ] dep Block6 for Block7
12:33:07 Block6 Signal Turns Green
12:33:12 HS2 [Train 51] dep Block5 for Block6
12:33:17 Block5 Signal Turns Green
```

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12:33:22 HS2 [Train 52 ] dep Block4 for Block5
12:33:27 Block4 Signal Turns Green
12:33:32 HS2 [Train 53 ] dep Block3 for Block4
12:33:37 Block3 Signal Turns Green
12:33:42 HS2 [Train 54 ] dep Block2 for Block3
12:33:47 Block2 Signal Turns Green
12:33:49 HS2 [Train 43] arr Block14
12:33:49 Block14 Signal Turns Red
12:33:52 HS2 [Train 55 ] dep Block1 for Block2
12:33:54 HS2 [Train 43 ] dep Block14 for London Old Oak (DEPOT)
12:33:57 Block1 Signal Turns Green
12:33:59 Block14 Signal Turns Green
12:34:02 HS2 [Train 56] dep London Old Oak for Block1
12:34:07 London Old Oak Signal Turns Green
12:34:12 HS2 [Train 57] dep London Old Oak (DEPOT) for London Old Oak
12:34:14 HS2 [Train 43 ] arr London Old Oak (DEPOT)
12:34:14 London Old Oak (DEPOT) Signal Turns Red
12:34:32 HS2 [Train 57] arr London Old Oak
12:34:32 London Old Oak Signal Turns Red
12:35:26 HS2 [Train 44 ] arr Block13
12:35:26 Block13 Signal Turns Red
12:35:31 HS2 [Train 44 ] dep Block13 for Block14
12:35:36 Block13 Signal Turns Green
12:36:28 HS2 [Train 45] arr Block12
12:36:28 Block12 Signal Turns Red
12:36:33 HS2 [Train 45 ] dep Block12 for Block13
12:36:38 Block12 Signal Turns Green
12:36:52 HS2 [Train 48] arr Block9
12:36:52 Block9 Signal Turns Red
12:37:12 HS2 [Train 49 ] arr Block8
12:37:12 Block8 Signal Turns Red
12:37:22 HS2 [Train 50 ] arr Block7
12:37:22 Block7 Signal Turns Red
12:37:36 HS2 [Train 52 ] arr Block5
12:37:36 Block5 Signal Turns Red
12:37:45 HS2 [Train 53 ] arr Block4
12:37:45 Block4 Signal Turns Red
12:37:46 HS2 [Train 46] arr Block11
12:37:46 Block11 Signal Turns Red
12:37:51 HS2 [Train 46 ] dep Block11 for Block12
12:37:56 Block11 Signal Turns Green
12:38:09 HS2 [Train 47] arr Block10
12:38:09 Block10 Signal Turns Red
12:38:12 HS2 [Train 56 ] arr Block1
12:38:12 Block1 Signal Turns Red
12:38:13 HS2 [Train 54] arr Block3
12:38:13 Block3 Signal Turns Red
12:38:14 HS2 [Train 47] dep Block10 for Block11
12:38:14 HS2 [Train 51] arr Block6
12:38:14 Block6 Signal Turns Red
12:38:19 Block10 Signal Turns Green
12:38:24 HS2 [Train 48 ] dep Block9 for Block10
12:38:24 HS2 [Train 55] arr Block2
12:38:24 Block2 Signal Turns Red
12:38:29 Block9 Signal Turns Green
12:38:34 HS2 [Train 49 ] dep Block8 for Block9
12:38:39 Block8 Signal Turns Green
```

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12:38:44 HS2 [Train 50 ] dep Block7 for Block8
12:38:49 Block7 Signal Turns Green
12:38:54 HS2 [Train 51 ] dep Block6 for Block7
12:38:59 Block6 Signal Turns Green
12:39:04 HS2 [Train 52 ] dep Block5 for Block6
12:39:09 Block5 Signal Turns Green
12:39:14 HS2 [Train 53] dep Block4 for Block5
12:39:19 Block4 Signal Turns Green
12:39:24 HS2 [Train 54] dep Block3 for Block4
12:39:29 Block3 Signal Turns Green
12:39:34 HS2 [Train 55] dep Block2 for Block3
12:39:39 Block2 Signal Turns Green
12:39:41 HS2 [Train 44] arr Block14
12:39:41 Block14 Signal Turns Red
12:39:44 HS2 [Train 56] dep Block1 for Block2
12:39:46 HS2 [Train 44] dep Block14 for London Old Oak (DEPOT)
12:39:49 Block1 Signal Turns Green
12:39:51 Block14 Signal Turns Green
12:39:54 HS2 [Train 57] dep London Old Oak for Block1
12:39:59 London Old Oak Signal Turns Green
12:40:04 HS2 [Train 58] dep London Old Oak (DEPOT) for London Old Oak
12:40:06 HS2 [Train 44] arr London Old Oak (DEPOT)
12:40:06 London Old Oak (DEPOT) Signal Turns Red
12:40:24 HS2 [Train 58] arr London Old Oak
12:40:24 London Old Oak Signal Turns Red
12:41:18 HS2 [Train 45] arr Block13
12:41:18 Block13 Signal Turns Red
12:41:23 HS2 [Train 45] dep Block13 for Block14
12:41:28 Block13 Signal Turns Green
12:42:20 HS2 [Train 46] arr Block12
12:42:20 Block12 Signal Turns Red
12:42:25 HS2 [Train 46 ] dep Block12 for Block13
12:42:30 Block12 Signal Turns Green
12:42:43 HS2 [Train 49] arr Block9
12:42:43 Block9 Signal Turns Red
12:43:03 HS2 [Train 50 ] arr Block8
12:43:03 Block8 Signal Turns Red
12:43:14 HS2 [Train 51] arr Block7
12:43:14 Block7 Signal Turns Red
12:43:28 HS2 [Train 53 ] arr Block5
12:43:28 Block5 Signal Turns Red
12:43:36 HS2 [Train 54] arr Block4
12:43:36 Block4 Signal Turns Red
12:43:37 HS2 [Train 47] arr Block11
12:43:37 Block11 Signal Turns Red
12:43:42 HS2 [Train 47] dep Block11 for Block12
12:43:47 Block11 Signal Turns Green
12:44:00 HS2 [Train 48] arr Block10
12:44:00 Block10 Signal Turns Red
12:44:03 HS2 [Train 57] arr Block1
12:44:03 Block1 Signal Turns Red
12:44:04 HS2 [Train 55] arr Block3
12:44:04 Block3 Signal Turns Red
12:44:05 HS2 [Train 48 ] dep Block10 for Block11
12:44:06 HS2 [Train 52 ] arr Block6
12:44:06 Block6 Signal Turns Red
12:44:10 Block10 Signal Turns Green
```

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12:44:15 HS2 [Train 49 ] dep Block9 for Block10
12:44:16 HS2 [Train 56 ] arr Block2
12:44:16 Block2 Signal Turns Red
12:44:20 Blocko Signal Turns Green
12:44:25 HS2 [Train 50 ] dep Block8 for Block9
12:44:30 Block8 Signal Turns Green
12:44:35 HS2 [Train 51] dep Block7 for Block8
12:44:40 Block7 Signal Turns Green
12:44:45 HS2 [Train 52 ] dep Block6 for Block7
12:44:50 Block6 Signal Turns Green
12:44:55 HS2 [Train 53 ] dep Block5 for Block6
12:45:00 Block5 Signal Turns Green
12:45:05 HS2 [Train 54 ] dep Block4 for Block5
12:45:10 Block4 Signal Turns Green
12:45:15 HS2 [Train 55 ] dep Block3 for Block4
12:45:20 Block3 Signal Turns Green
12:45:25 HS2 [Train 56 ] dep Block2 for Block3
12:45:30 Block2 Signal Turns Green
12:45:32 HS2 [Train 45] arr Block14
12:45:32 Block14 Signal Turns Red
12:45:35 HS2 [Train 57 ] dep Block1 for Block2
12:45:37 HS2 [Train 45] dep Block14 for London Old Oak (DEPOT)
12:45:40 Block1 Signal Turns Green
12:45:42 Block14 Signal Turns Green
12:45:45 HS2 [Train 58] dep London Old Oak for Block1
12:45:50 London Old Oak Signal Turns Green
12:45:55 HS2 [Train 59 ] dep London Old Oak (DEPOT) for London Old Oak
12:45:57 HS2 [Train 45] arr London Old Oak (DEPOT)
12:45:57 London Old Oak (DEPOT) Signal Turns Red
12:46:15 HS2 [Train 59] arr London Old Oak
12:46:15 London Old Oak Signal Turns Red
12:47:09 HS2 [Train 46] arr Block13
12:47:09 Block13 Signal Turns Red
12:47:14 HS2 [Train 46 ] dep Block13 for Block14
12:47:19 Block13 Signal Turns Green
12:48:12 HS2 [Train 47] arr Block12
12:48:12 Block12 Signal Turns Red
12:48:17 HS2 [Train 47] dep Block12 for Block13
12:48:22 Block12 Signal Turns Green
12:48:35 HS2 [Train 50 ] arr Block9
12:48:35 Block9 Signal Turns Red
12:48:55 HS2 [Train 51] arr Block8
12:48:55 Block8 Signal Turns Red
12:49:05 HS2 [Train 52 ] arr Block7
12:49:05 Block7 Signal Turns Red
12:49:19 HS2 [Train 54] arr Block5
12:49:19 Block5 Signal Turns Red
12:49:28 HS2 [Train 55] arr Block4
12:49:28 Block4 Signal Turns Red
12:49:29 HS2 [Train 48] arr Block11
12:49:29 Block11 Signal Turns Red
12:49:34 HS2 [Train 48 ] dep Block11 for Block12
12:49:39 Block11 Signal Turns Green
12:49:52 HS2 [Train 49] arr Block10
12:49:52 Block10 Signal Turns Red
12:49:55 HS2 [Train 58] arr Block1
12:49:55 Block1 Signal Turns Red
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12:49:56 HS2 [Train 56] arr Block3
12:49:56 Block3 Signal Turns Red
12:49:57 HS2 [Train 49 ] dep Block10 for Block11
12:49:57 HS2 [Train 53 ] arr Block6
12:49:57 Block6 Signal Turns Red
12:50:02 Block10 Signal Turns Green
12:50:07 HS2 [Train 50 ] dep Block9 for Block10
12:50:07 HS2 [Train 57] arr Block2
12:50:07 Block2 Signal Turns Red
12:50:12 Blocko Signal Turns Green
12:50:17 HS2 [Train 51] dep Block8 for Block9
12:50:22 Block8 Signal Turns Green
12:50:27 HS2 [Train 52 ] dep Block7 for Block8
12:50:32 Block7 Signal Turns Green
12:50:37 HS2 [Train 53 ] dep Block6 for Block7
12:50:42 Block6 Signal Turns Green
12:50:47 HS2 [Train 54 ] dep Block5 for Block6
12:50:52 Block5 Signal Turns Green
12:50:57 HS2 [Train 55] dep Block4 for Block5
12:51:02 Block4 Signal Turns Green
12:51:07 HS2 [Train 56 ] dep Block3 for Block4
12:51:12 Block3 Signal Turns Green
12:51:17 HS2 [Train 57] dep Block2 for Block3
12:51:22 Block2 Signal Turns Green
12:51:24 HS2 [Train 46] arr Block14
12:51:24 Block14 Signal Turns Red
12:51:27 HS2 [Train 58 ] dep Block1 for Block2
12:51:29 HS2 [Train 46] dep Block14 for London Old Oak (DEPOT)
12:51:32 Block1 Signal Turns Green
12:51:34 Block14 Signal Turns Green
12:51:37 HS2 [Train 59 ] dep London Old Oak for Block1
12:51:42 London Old Oak Signal Turns Green
12:51:47 HS2 [Train 60 ] dep London Old Oak (DEPOT) for London Old Oak
12:51:49 HS2 [Train 46] arr London Old Oak (DEPOT)
12:51:49 London Old Oak (DEPOT) Signal Turns Red
12:52:07 HS2 [Train 60 ] arr London Old Oak
12:52:07 London Old Oak Signal Turns Red
12:53:01 HS2 [Train 47] arr Block13
12:53:01 Block13 Signal Turns Red
12:53:06 HS2 [Train 47] dep Block13 for Block14
12:53:11 Block13 Signal Turns Green
12:54:03 HS2 [Train 48] arr Block12
12:54:03 Block12 Signal Turns Red
12:54:08 HS2 [Train 48 ] dep Block12 for Block13
12:54:13 Block12 Signal Turns Green
12:54:26 HS2 [Train 51] arr Block9
12:54:26 Block9 Signal Turns Red
12:54:46 HS2 [Train 52 ] arr Block8
12:54:46 Block8 Signal Turns Red
12:54:57 HS2 [Train 53 ] arr Block7
12:54:57 Block7 Signal Turns Red
12:55:11 HS2 [Train 55 ] arr Block5
12:55:11 Block5 Signal Turns Red
12:55:19 HS2 [Train 56 ] arr Block4
12:55:19 Block4 Signal Turns Red
12:55:20 HS2 [Train 49 ] arr Block11
12:55:20 Block11 Signal Turns Red
```

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12:55:25 HS2 [Train 49 ] dep Block11 for Block12
12:55:30 Block11 Signal Turns Green
12:55:44 HS2 [Train 50 ] arr Block10
12:55:44 Block10 Signal Turns Red
12:55:46 HS2 [Train 59] arr Block1
12:55:46 Block1 Signal Turns Red
12:55:47 HS2 [Train 57] arr Block3
12:55:47 Block3 Signal Turns Red
12:55:49 HS2 [Train 50 ] dep Block10 for Block11
12:55:49 HS2 [Train 54] arr Block6
12:55:49 Block6 Signal Turns Red
12:55:54 Block10 Signal Turns Green
12:55:59 HS2 [Train 51] dep Block9 for Block10
12:55:59 HS2 [Train 58 ] arr Block2
12:55:59 Block2 Signal Turns Red
12:56:04 Block9 Signal Turns Green
12:56:09 HS2 [Train 52] dep Block8 for Block9
12:56:14 Block8 Signal Turns Green
12:56:19 HS2 [Train 53 ] dep Block7 for Block8
12:56:24 Block7 Signal Turns Green
12:56:29 HS2 [Train 54 ] dep Block6 for Block7
12:56:34 Block6 Signal Turns Green
12:56:39 HS2 [Train 55] dep Block5 for Block6
12:56:44 Block5 Signal Turns Green
12:56:49 HS2 [Train 56 ] dep Block4 for Block5
12:56:54 Block4 Signal Turns Green
12:56:59 HS2 [Train 57] dep Block3 for Block4
12:57:04 Block3 Signal Turns Green
12:57:09 HS2 [Train 58 ] dep Block2 for Block3
12:57:14 Block2 Signal Turns Green
12:57:15 HS2 [Train 47] arr Block14
12:57:15 Block14 Signal Turns Red
12:57:19 HS2 [Train 59 ] dep Block1 for Block2
12:57:20 HS2 [Train 47] dep Block14 for London Old Oak (DEPOT)
12:57:24 Block1 Signal Turns Green
12:57:25 Block14 Signal Turns Green
12:57:29 HS2 [Train 60] dep London Old Oak for Block1
12:57:34 London Old Oak Signal Turns Green
12:57:39 HS2 [Train 61] dep London Old Oak (DEPOT) for London Old Oak
12:57:40 HS2 [Train 47] arr London Old Oak (DEPOT)
12:57:40 London Old Oak (DEPOT) Signal Turns Red
12:57:59 HS2 [Train 61] arr London Old Oak
12:57:59 London Old Oak Signal Turns Red
12:58:52 HS2 [Train 48] arr Block13
12:58:52 Block13 Signal Turns Red
12:58:57 HS2 [Train 48 ] dep Block13 for Block14
12:59:02 Block13 Signal Turns Green
12:59:55 HS2 [Train 49 ] arr Block12
12:59:55 Block12 Signal Turns Red
13:00:00 HS2 [Train 49 ] dep Block12 for Block13
13:00:05 Block12 Signal Turns Green
13:00:18 HS2 [Train 52] arr Block9
13:00:18 Block9 Signal Turns Red
13:00:38 HS2 [Train 53 ] arr Block8
13:00:38 Block8 Signal Turns Red
13:00:49 HS2 [Train 54] arr Block7
13:00:49 Block7 Signal Turns Red
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13:01:02 HS2 [Train 56] arr Block5
13:01:02 Block5 Signal Turns Red
13:01:11 HS2 [Train 57] arr Block4
13:01:11 Block4 Signal Turns Red
13:01:12 HS2 [Train 50 ] arr Block11
13:01:12 Block11 Signal Turns Red
13:01:17 HS2 [Train 50 ] dep Block11 for Block12
13:01:22 Block11 Signal Turns Green
13:01:35 HS2 [Train 51] arr Block10
13:01:35 Block10 Signal Turns Red
13:01:38 HS2 [Train 60 ] arr Block1
13:01:38 Block1 Signal Turns Red
13:01:39 HS2 [Train 58 ] arr Block3
13:01:39 Block3 Signal Turns Red
13:01:40 HS2 [Train 51] dep Block10 for Block11
13:01:40 HS2 [Train 55] arr Block6
13:01:40 Block6 Signal Turns Red
13:01:45 Block10 Signal Turns Green
13:01:50 HS2 [Train 52 ] dep Block9 for Block10
13:01:50 HS2 [Train 59 ] arr Block2
13:01:50 Block2 Signal Turns Red
13:01:55 Block9 Signal Turns Green
13:02:00 HS2 [Train 53 ] dep Block8 for Block9
13:02:05 Block8 Signal Turns Green
13:02:10 HS2 [Train 54] dep Block7 for Block8
13:02:15 Block7 Signal Turns Green
13:02:20 HS2 [Train 55 ] dep Block6 for Block7
13:02:25 Block6 Signal Turns Green
13:02:30 HS2 [Train 56 ] dep Block5 for Block6
13:02:35 Block5 Signal Turns Green
13:02:40 HS2 [Train 57] dep Block4 for Block5
13:02:45 Block4 Signal Turns Green
13:02:50 HS2 [Train 58 ] dep Block3 for Block4
13:02:55 Block3 Signal Turns Green
13:03:00 HS2 [Train 59 ] dep Block2 for Block3
13:03:05 Block2 Signal Turns Green
13:03:07 HS2 [Train 48] arr Block14
13:03:07 Block14 Signal Turns Red
13:03:10 HS2 [Train 60 ] dep Block1 for Block2
13:03:12 HS2 [Train 48 ] dep Block14 for London Old Oak (DEPOT)
13:03:15 Block1 Signal Turns Green
13:03:17 Block14 Signal Turns Green
13:03:20 HS2 [Train 61] dep London Old Oak for Block1
13:03:25 London Old Oak Signal Turns Green
13:03:30 HS2 [Train 62] dep London Old Oak (DEPOT) for London Old Oak
13:03:32 HS2 [Train 48] arr London Old Oak (DEPOT)
13:03:32 London Old Oak (DEPOT) Signal Turns Red
13:03:50 HS2 [Train 62] arr London Old Oak
13:03:50 London Old Oak Signal Turns Red
13:04:44 HS2 [Train 49] arr Block13
13:04:44 Block13 Signal Turns Red
13:04:49 HS2 [Train 49 ] dep Block13 for Block14
13:04:54 Block13 Signal Turns Green
13:05:46 HS2 [Train 50 ] arr Block12
13:05:46 Block12 Signal Turns Red
13:05:51 HS2 [Train 50 ] dep Block12 for Block13
13:05:56 Block12 Signal Turns Green
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13:06:10 HS2 [Train 53] arr Block9
13:06:10 Block9 Signal Turns Red
13:06:29 HS2 [Train 54] arr Block8
13:06:29 Block8 Signal Turns Red
13:06:40 HS2 [Train 55] arr Block7
13:06:40 Block7 Signal Turns Red
13:06:54 HS2 [Train 57] arr Block5
13:06:54 Block5 Signal Turns Red
13:07:03 HS2 [Train 58] arr Block4
13:07:03 Block4 Signal Turns Red
13:07:04 HS2 [Train 51] arr Block11
13:07:04 Block11 Signal Turns Red
13:07:09 HS2 [Train 51 ] dep Block11 for Block12
13:07:14 Block11 Signal Turns Green
13:07:27 HS2 [Train 52] arr Block10
13:07:27 Block10 Signal Turns Red
13:07:30 HS2 [Train 61] arr Block1
13:07:30 Block1 Signal Turns Red
13:07:30 HS2 [Train 59 ] arr Block3
13:07:30 Block3 Signal Turns Red
13:07:32 HS2 [Train 52] dep Block10 for Block11
13:07:32 HS2 [Train 56 ] arr Block6
13:07:32 Block6 Signal Turns Red
13:07:37 Block10 Signal Turns Green
13:07:42 HS2 [Train 53] dep Block9 for Block10
13:07:42 HS2 [Train 60 ] arr Block2
13:07:42 Block2 Signal Turns Red
13:07:47 Block9 Signal Turns Green
13:07:52 HS2 [Train 54] dep Block8 for Block9
13:07:57 Block8 Signal Turns Green
13:08:02 HS2 [Train 55 ] dep Block7 for Block8
13:08:07 Block7 Signal Turns Green
13:08:12 HS2 [Train 56 ] dep Block6 for Block7
13:08:17 Block6 Signal Turns Green
13:08:22 HS2 [Train 57] dep Block5 for Block6
13:08:27 Block5 Signal Turns Green
13:08:32 HS2 [Train 58 ] dep Block4 for Block5
13:08:37 Block4 Signal Turns Green
13:08:42 HS2 [Train 59 ] dep Block3 for Block4
13:08:47 Block3 Signal Turns Green
13:08:52 HS2 [Train 60 ] dep Block2 for Block3
13:08:57 Block2 Signal Turns Green
13:08:58 HS2 [Train 49] arr Block14
13:08:58 Block14 Signal Turns Red
13:09:02 HS2 [Train 61] dep Block1 for Block2
13:09:03 HS2 [Train 49 ] dep Block14 for London Old Oak (DEPOT)
13:09:07 Block1 Signal Turns Green
13:09:08 Block14 Signal Turns Green
13:09:12 HS2 [Train 62 ] dep London Old Oak for Block1
13:09:17 London Old Oak Signal Turns Green
13:09:22 HS2 [Train 63] dep London Old Oak (DEPOT) for London Old Oak
13:09:23 HS2 [Train 49] arr London Old Oak (DEPOT)
13:09:23 London Old Oak (DEPOT) Signal Turns Red
13:09:42 HS2 [Train 63] arr London Old Oak
13:09:42 London Old Oak Signal Turns Red
13:10:36 HS2 [Train 50 ] arr Block13
13:10:36 Block13 Signal Turns Red
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13:10:41 HS2 [Train 50 ] dep Block13 for Block14
13:10:46 Block13 Signal Turns Green
13:11:38 HS2 [Train 51] arr Block12
13:11:38 Block12 Signal Turns Red
13:11:43 HS2 [Train 51] dep Block12 for Block13
13:11:48 Block12 Signal Turns Green
13:12:01 HS2 [Train 54] arr Block9
13:12:01 Block9 Signal Turns Red
13:12:21 HS2 [Train 55] arr Block8
13:12:21 Block8 Signal Turns Red
13:12:32 HS2 [Train 56 ] arr Block7
13:12:32 Block7 Signal Turns Red
13:12:46 HS2 [Train 58 ] arr Block5
13:12:46 Block5 Signal Turns Red
13:12:54 HS2 [Train 59 ] arr Block4
13:12:54 Block4 Signal Turns Red
13:12:55 HS2 [Train 52 ] arr Block11
13:12:55 Block11 Signal Turns Red
13:13:00 HS2 [Train 52 ] dep Block11 for Block12
13:13:05 Block11 Signal Turns Green
13:13:18 HS2 [Train 53 ] arr Block10
13:13:18 Block10 Signal Turns Red
13:13:21 HS2 [Train 62 ] arr Block1
13:13:21 Block1 Signal Turns Red
13:13:22 HS2 [Train 60] arr Block3
13:13:22 Block3 Signal Turns Red
13:13:23 HS2 [Train 53 ] dep Block10 for Block11
13:13:24 HS2 [Train 57] arr Block6
13:13:24 Block6 Signal Turns Red
13:13:28 Block10 Signal Turns Green
13:13:33 HS2 [Train 54] dep Block9 for Block10
13:13:34 HS2 [Train 61] arr Block2
13:13:34 Block2 Signal Turns Red
13:13:38 Block9 Signal Turns Green
13:13:43 HS2 [Train 55] dep Block8 for Block9
13:13:48 Block8 Signal Turns Green
13:13:53 HS2 [Train 56] dep Block7 for Block8
13:13:58 Block7 Signal Turns Green
13:14:03 HS2 [Train 57] dep Block6 for Block7
13:14:08 Block6 Signal Turns Green
13:14:13 HS2 [Train 58] dep Block5 for Block6
13:14:18 Block5 Signal Turns Green
13:14:23 HS2 [Train 59 ] dep Block4 for Block5
13:14:28 Block4 Signal Turns Green
13:14:33 HS2 [Train 60 ] dep Block3 for Block4
13:14:38 Block3 Signal Turns Green
13:14:43 HS2 [Train 61] dep Block2 for Block3
13:14:48 Block2 Signal Turns Green
13:14:50 HS2 [Train 50 ] arr Block14
13:14:50 Block14 Signal Turns Red
13:14:53 HS2 [Train 62 ] dep Block1 for Block2
13:14:55 HS2 [Train 50 ] dep Block14 for London Old Oak (DEPOT)
13:14:58 Block1 Signal Turns Green
13:15:00 Block14 Signal Turns Green
13:15:03 HS2 [Train 63 ] dep London Old Oak for Block1
13:15:08 London Old Oak Signal Turns Green
13:15:13 HS2 [Train 64] dep London Old Oak (DEPOT) for London Old Oak
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- 13:15:15 HS2 [Train 50] arr London Old Oak (DEPOT) 13:15:15 London Old Oak (DEPOT) Signal Turns Red
- 13:15:33 HS2 [Train 64] arr London Old Oak
- 13:15:33 London Old Oak Signal Turns Red
- 13:16:27 HS2 [Train 51] arr Block13
- 13:16:27 Block13 Signal Turns Red
- 13:16:32 HS2 [Train 51] dep Block13 for Block14
- 13:16:37 Block13 Signal Turns Green
- 13:17:29 HS2 [Train 52] arr Block12
- 13:17:29 Block12 Signal Turns Red
- 13:17:34 HS2 [Train 52] dep Block12 for Block13
- 13:17:39 Block12 Signal Turns Green
- 13:17:53 HS2 [Train 55] arr Block9
- 13:17:53 Block9 Signal Turns Red
- 13:18:13 HS2 [Train 56] arr Block8
- 13:18:13 Block8 Signal Turns Red
- 13:18:23 HS2 [Train 57] arr Block7
- 13:18:23 Block7 Signal Turns Red
- 13:18:37 HS2 [Train 59] arr Block5
- 13:18:37 Block5 Signal Turns Red
- 13:18:46 HS2 [Train 60] arr Block4
- 13:18:46 Block4 Signal Turns Red
- 13:18:47 HS2 [Train 53] arr Block11
- 13:18:47 Block11 Signal Turns Red
- 13:18:52 HS2 [Train 53] dep Block11 for Block12
- 13:18:57 Block11 Signal Turns Green
- 13:19:10 HS2 [Train 54] arr Block10
- 13:19:10 Block10 Signal Turns Red
- 13:19:13 HS2 [Train 63] arr Block1
- 13:19:13 Block1 Signal Turns Red
- 13:19:14 HS2 [Train 61] arr Block3
- 13:19:14 Block3 Signal Turns Red
- 13:19:15 HS2 [Train 54] dep Block10 for Block11
- 13:19:15 HS2 [Train 58] arr Block6
- 13:19:15 Block6 Signal Turns Red
- 13:19:20 Block10 Signal Turns Green
- 13:19:25 HS2 [Train 55] dep Block9 for Block10
- 13:19:25 HS2 [Train 62] arr Block2
- 13:19:25 Block2 Signal Turns Red
- 13:19:30 Block9 Signal Turns Green
- 13:19:35 HS2 [Train 56] dep Block8 for Block9
- 13:19:40 Block8 Signal Turns Green
- 13:19:45 HS2 [Train 57] dep Block7 for Block8
- 13:19:50 Block7 Signal Turns Green
- 13:19:55 HS2 [Train 58] dep Block6 for Block7
- 13:20:00 Block6 Signal Turns Green
- 13:20:05 HS2 [Train 59] dep Block5 for Block6
- 13:20:10 Block5 Signal Turns Green
- 13:20:15 HS2 [Train 60] dep Block4 for Block5
- 13:20:20 Block4 Signal Turns Green
- 13:20:25 HS2 [Train 61] dep Block3 for Block4
- 13:20:30 Block3 Signal Turns Green
- 13:20:35 HS2 [Train 62] dep Block2 for Block3
- 13:20:40 Block2 Signal Turns Green
- 13:20:42 HS2 [Train 51] arr Block14
- 13:20:42 Block14 Signal Turns Red
- 13:20:45 HS2 [Train 63] dep Block1 for Block2

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x18203621 MSO CA1 Code
13:20:47 HS2 [Train 51] dep Block14 for London Old Oak (DEPOT)
13:20:50 Block1 Signal Turns Green
13:20:52 Block14 Signal Turns Green
13:20:55 HS2 [Train 64] dep London Old Oak for Block1
13:21:00 London Old Oak Signal Turns Green
13:21:05 HS2 [Train 65] dep London Old Oak (DEPOT) for London Old Oak
13:21:07 HS2 [Train 51] arr London Old Oak (DEPOT)
13:21:07 London Old Oak (DEPOT) Signal Turns Red
13:21:25 HS2 [Train 65] arr London Old Oak
13:21:25 London Old Oak Signal Turns Red
13:22:19 HS2 [Train 52] arr Block13
13:22:19 Block13 Signal Turns Red
13:22:24 HS2 [Train 52] dep Block13 for Block14
13:22:29 Block13 Signal Turns Green
13:23:21 HS2 [Train 53 ] arr Block12
13:23:21 Block12 Signal Turns Red
13:23:26 HS2 [Train 53 ] dep Block12 for Block13
13:23:31 Block12 Signal Turns Green
13:23:44 HS2 [Train 56] arr Block9
13:23:44 Block9 Signal Turns Red
13:24:04 HS2 [Train 57] arr Block8
13:24:04 Block8 Signal Turns Red
13:24:15 HS2 [Train 58] arr Block7
13:24:15 Block7 Signal Turns Red
13:24:29 HS2 [Train 60 ] arr Block5
13:24:29 Block5 Signal Turns Red
13:24:37 HS2 [Train 61] arr Block4
13:24:37 Block4 Signal Turns Red
13:24:38 HS2 [Train 54] arr Block11
13:24:38 Block11 Signal Turns Red
13:24:43 HS2 [Train 54] dep Block11 for Block12
13:24:48 Block11 Signal Turns Green
13:25:02 HS2 [Train 55 ] arr Block10
13:25:02 Block10 Signal Turns Red
13:25:04 HS2 [Train 64] arr Block1
13:25:04 Block1 Signal Turns Red
13:25:05 HS2 [Train 62] arr Block3
13:25:05 Block3 Signal Turns Red
13:25:07 HS2 [Train 55 ] dep Block10 for Block11
13:25:07 HS2 [Train 59 ] arr Block6
13:25:07 Block6 Signal Turns Red
13:25:12 Block10 Signal Turns Green
13:25:17 HS2 [Train 56 ] dep Block9 for Block10
13:25:17 HS2 [Train 63 ] arr Block2
13:25:17 Block2 Signal Turns Red
13:25:22 Block9 Signal Turns Green
13:25:27 HS2 [Train 57] dep Block8 for Block9
13:25:32 Block8 Signal Turns Green
13:25:37 HS2 [Train 58 ] dep Block7 for Block8
13:25:42 Block7 Signal Turns Green
13:25:47 HS2 [Train 59 ] dep Block6 for Block7
13:25:52 Block6 Signal Turns Green
13:25:57 HS2 [Train 60 ] dep Block5 for Block6
13:26:02 Block5 Signal Turns Green
13:26:07 HS2 [Train 61] dep Block4 for Block5
13:26:12 Block4 Signal Turns Green
13:26:17 HS2 [Train 62] dep Block3 for Block4
```

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x18203621_MSO_CA1_Code
13:26:22 Block3 Signal Turns Green
13:26:27 HS2 [Train 63 ] dep Block2 for Block3
13:26:32 Block2 Signal Turns Green
13:26:33 HS2 [Train 52 ] arr Block14
13:26:33 Block14 Signal Turns Red
13:26:37 HS2 [Train 64 ] dep Block1 for Block2
13:26:38 HS2 [Train 52] dep Block14 for London Old Oak (DEPOT)
13:26:42 Block1 Signal Turns Green
13:26:43 Block14 Signal Turns Green
13:26:47 HS2 [Train 65] dep London Old Oak for Block1
13:26:52 London Old Oak Signal Turns Green
13:26:57 HS2 [Train 66 ] dep London Old Oak (DEPOT) for London Old Oak
13:26:58 HS2 [Train 52] arr London Old Oak (DEPOT)
13:26:58 London Old Oak (DEPOT) Signal Turns Red
13:27:17 HS2 [Train 66] arr London Old Oak
13:27:17 London Old Oak Signal Turns Red
13:28:10 HS2 [Train 53 ] arr Block13
13:28:10 Block13 Signal Turns Red
13:28:15 HS2 [Train 53 ] dep Block13 for Block14
13:28:20 Block13 Signal Turns Green
13:29:13 HS2 [Train 54] arr Block12
13:29:13 Block12 Signal Turns Red
13:29:18 HS2 [Train 54] dep Block12 for Block13
13:29:23 Block12 Signal Turns Green
13:29:36 HS2 [Train 57] arr Block9
13:29:36 Block9 Signal Turns Red
13:29:56 HS2 [Train 58 ] arr Block8
13:29:56 Block8 Signal Turns Red
13:30:06 HS2 [Train 59 ] arr Block7
13:30:06 Block7 Signal Turns Red
13:30:20 HS2 [Train 61] arr Block5
13:30:20 Block5 Signal Turns Red
13:30:29 HS2 [Train 62] arr Block4
13:30:29 Block4 Signal Turns Red
13:30:30 HS2 [Train 55] arr Block11
13:30:30 Block11 Signal Turns Red
13:30:35 HS2 [Train 55] dep Block11 for Block12
13:30:40 Block11 Signal Turns Green
13:30:53 HS2 [Train 56] arr Block10
13:30:53 Block10 Signal Turns Red
13:30:56 HS2 [Train 65] arr Block1
13:30:56 Block1 Signal Turns Red
13:30:57 HS2 [Train 63] arr Block3
13:30:57 Block3 Signal Turns Red
13:30:58 HS2 [Train 56 ] dep Block10 for Block11
13:30:58 HS2 [Train 60 ] arr Block6
13:30:58 Block6 Signal Turns Red
13:31:03 Block10 Signal Turns Green
13:31:08 HS2 [Train 57 ] dep Block9 for Block10
13:31:08 HS2 [Train 64] arr Block2
13:31:08 Block2 Signal Turns Red
13:31:13 Block9 Signal Turns Green
13:31:18 HS2 [Train 58] dep Block8 for Block9
13:31:23 Block8 Signal Turns Green
13:31:28 HS2 [Train 59 ] dep Block7 for Block8
13:31:33 Block7 Signal Turns Green
13:31:38 HS2 [Train 60 ] dep Block6 for Block7
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x18203621_MSO_CA1_Code
13:31:43 Block6 Signal Turns Green
13:31:48 HS2 [Train 61] dep Block5 for Block6
13:31:53 Block5 Signal Turns Green
13:31:58 HS2 [Train 62 ] dep Block4 for Block5
13:32:03 Block4 Signal Turns Green
13:32:08 HS2 [Train 63 ] dep Block3 for Block4
13:32:13 Block3 Signal Turns Green
13:32:18 HS2 [Train 64 ] dep Block2 for Block3
13:32:23 Block2 Signal Turns Green
13:32:25 HS2 [Train 53 ] arr Block14
13:32:25 Block14 Signal Turns Red
13:32:28 HS2 [Train 65 ] dep Block1 for Block2
13:32:30 HS2 [Train 53] dep Block14 for London Old Oak (DEPOT)
13:32:33 Block1 Signal Turns Green
13:32:35 Block14 Signal Turns Green
13:32:38 HS2 [Train 66 ] dep London Old Oak for Block1
13:32:43 London Old Oak Signal Turns Green
13:32:48 HS2 [Train 67] dep London Old Oak (DEPOT) for London Old Oak
13:32:50 HS2 [Train 53] arr London Old Oak (DEPOT)
13:32:50 London Old Oak (DEPOT) Signal Turns Red
13:33:08 HS2 [Train 67] arr London Old Oak
13:33:08 London Old Oak Signal Turns Red
13:34:02 HS2 [Train 54] arr Block13
13:34:02 Block13 Signal Turns Red
13:34:07 HS2 [Train 54] dep Block13 for Block14
13:34:12 Block13 Signal Turns Green
13:35:04 HS2 [Train 55] arr Block12
13:35:04 Block12 Signal Turns Red
13:35:09 HS2 [Train 55 ] dep Block12 for Block13
13:35:14 Block12 Signal Turns Green
13:35:27 HS2 [Train 58] arr Block9
13:35:27 Block9 Signal Turns Red
13:35:47 HS2 [Train 59 ] arr Block8
13:35:47 Block8 Signal Turns Red
13:35:58 HS2 [Train 60 ] arr Block7
13:35:58 Block7 Signal Turns Red
13:36:12 HS2 [Train 62] arr Block5
13:36:12 Block5 Signal Turns Red
13:36:21 HS2 [Train 63 ] arr Block4
13:36:21 Block4 Signal Turns Red
13:36:21 HS2 [Train 56 ] arr Block11
13:36:21 Block11 Signal Turns Red
13:36:26 HS2 [Train 56 ] dep Block11 for Block12
13:36:31 Block11 Signal Turns Green
13:36:45 HS2 [Train 57] arr Block10
13:36:45 Block10 Signal Turns Red
13:36:48 HS2 [Train 66] arr Block1
13:36:48 Block1 Signal Turns Red
13:36:48 HS2 [Train 64] arr Block3
13:36:48 Block3 Signal Turns Red
13:36:50 HS2 [Train 57] dep Block10 for Block11
13:36:50 HS2 [Train 61] arr Block6
13:36:50 Block6 Signal Turns Red
13:36:55 Block10 Signal Turns Green
13:37:00 HS2 [Train 58 ] dep Block9 for Block10
13:37:00 HS2 [Train 65] arr Block2
13:37:00 Block2 Signal Turns Red
```

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x18203621_MSO_CA1_Code
13:37:05 Block9 Signal Turns Green
13:37:10 HS2 [Train 59 ] dep Block8 for Block9
13:37:15 Block8 Signal Turns Green
13:37:20 HS2 [Train 60 ] dep Block7 for Block8
13:37:25 Block7 Signal Turns Green
13:37:30 HS2 [Train 61] dep Block6 for Block7
13:37:35 Block6 Signal Turns Green
13:37:40 HS2 [Train 62 ] dep Block5 for Block6
13:37:45 Block5 Signal Turns Green
13:37:50 HS2 [Train 63 ] dep Block4 for Block5
13:37:55 Block4 Signal Turns Green
13:38:00 HS2 [Train 64] dep Block3 for Block4
13:38:05 Block3 Signal Turns Green
13:38:10 HS2 [Train 65 ] dep Block2 for Block3
13:38:15 Block2 Signal Turns Green
13:38:16 HS2 [Train 54] arr Block14
13:38:16 Block14 Signal Turns Red
13:38:20 HS2 [Train 66 ] dep Block1 for Block2
13:38:21 HS2 [Train 54] dep Block14 for London Old Oak (DEPOT)
13:38:25 Block1 Signal Turns Green
13:38:26 Block14 Signal Turns Green
13:38:30 HS2 [Train 67] dep London Old Oak for Block1
13:38:35 London Old Oak Signal Turns Green
13:38:40 HS2 [Train 68 ] dep London Old Oak (DEPOT) for London Old Oak
13:38:41 HS2 [Train 54] arr London Old Oak (DEPOT)
13:38:41 London Old Oak (DEPOT) Signal Turns Red
13:39:00 HS2 [Train 68] arr London Old Oak
13:39:00 London Old Oak Signal Turns Red
13:39:54 HS2 [Train 55] arr Block13
13:39:54 Block13 Signal Turns Red
13:39:59 HS2 [Train 55] dep Block13 for Block14
13:40:04 Block13 Signal Turns Green
13:40:56 HS2 [Train 56] arr Block12
13:40:56 Block12 Signal Turns Red
13:41:01 HS2 [Train 56 ] dep Block12 for Block13
13:41:06 Block12 Signal Turns Green
13:41:19 HS2 [Train 59] arr Block9
13:41:19 Block9 Signal Turns Red
13:41:39 HS2 [Train 60 ] arr Block8
13:41:39 Block8 Signal Turns Red
13:41:50 HS2 [Train 61] arr Block7
13:41:50 Block7 Signal Turns Red
13:42:04 HS2 [Train 63] arr Block5
13:42:04 Block5 Signal Turns Red
13:42:12 HS2 [Train 64] arr Block4
13:42:12 Block4 Signal Turns Red
13:42:13 HS2 [Train 57] arr Block11
13:42:13 Block11 Signal Turns Red
13:42:18 HS2 [Train 57] dep Block11 for Block12
13:42:23 Block11 Signal Turns Green
13:42:36 HS2 [Train 58 ] arr Block10
13:42:36 Block10 Signal Turns Red
13:42:39 HS2 [Train 67] arr Block1
13:42:39 Block1 Signal Turns Red
13:42:40 HS2 [Train 65] arr Block3
13:42:40 Block3 Signal Turns Red
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13:42:41 HS2 [Train 58] dep Block10 for Block11

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x18203621_MSO_CA1_Code
13:42:41 HS2 [Train 62 ] arr Block6
13:42:41 Block6 Signal Turns Red
13:42:46 Block10 Signal Turns Green
13:42:51 HS2 [Train 59 ] dep Block9 for Block10
13:42:52 HS2 [Train 66 ] arr Block2
13:42:52 Block2 Signal Turns Red
13:42:56 Block9 Signal Turns Green
13:43:01 HS2 [Train 60 ] dep Block8 for Block9
13:43:06 Block8 Signal Turns Green
13:43:11 HS2 [Train 61] dep Block7 for Block8
13:43:16 Block7 Signal Turns Green
13:43:21 HS2 [Train 62 ] dep Block6 for Block7
13:43:26 Block6 Signal Turns Green
13:43:31 HS2 [Train 63 ] dep Block5 for Block6
13:43:36 Block5 Signal Turns Green
13:43:41 HS2 [Train 64] dep Block4 for Block5
13:43:46 Block4 Signal Turns Green
13:43:51 HS2 [Train 65 ] dep Block3 for Block4
13:43:56 Block3 Signal Turns Green
13:44:01 HS2 [Train 66 ] dep Block2 for Block3
13:44:06 Block2 Signal Turns Green
13:44:08 HS2 [Train 55] arr Block14
13:44:08 Block14 Signal Turns Red
13:44:11 HS2 [Train 67 ] dep Block1 for Block2
13:44:13 HS2 [Train 55] dep Block14 for London Old Oak (DEPOT)
13:44:16 Block1 Signal Turns Green
13:44:18 Block14 Signal Turns Green
13:44:21 HS2 [Train 68] dep London Old Oak for Block1
13:44:26 London Old Oak Signal Turns Green
13:44:31 HS2 [Train 69] dep London Old Oak (DEPOT) for London Old Oak
13:44:33 HS2 [Train 55] arr London Old Oak (DEPOT)
13:44:33 London Old Oak (DEPOT) Signal Turns Red
13:44:51 HS2 [Train 69] arr London Old Oak
13:44:51 London Old Oak Signal Turns Red
13:45:45 HS2 [Train 56 ] arr Block13
13:45:45 Block13 Signal Turns Red
13:45:50 HS2 [Train 56 ] dep Block13 for Block14
13:45:55 Block13 Signal Turns Green
13:46:47 HS2 [Train 57] arr Block12
13:46:47 Block12 Signal Turns Red
13:46:52 HS2 [Train 57] dep Block12 for Block13
13:46:57 Block12 Signal Turns Green
13:47:11 HS2 [Train 60 ] arr Block9
13:47:11 Block9 Signal Turns Red
13:47:31 HS2 [Train 61] arr Block8
13:47:31 Block8 Signal Turns Red
13:47:41 HS2 [Train 62] arr Block7
13:47:41 Block7 Signal Turns Red
13:47:55 HS2 [Train 64] arr Block5
13:47:55 Block5 Signal Turns Red
13:48:04 HS2 [Train 65] arr Block4
13:48:04 Block4 Signal Turns Red
13:48:05 HS2 [Train 58] arr Block11
13:48:05 Block11 Signal Turns Red
13:48:10 HS2 [Train 58 ] dep Block11 for Block12
13:48:15 Block11 Signal Turns Green
13:48:28 HS2 [Train 59 ] arr Block10
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x18203621_MSO_CA1_Code
13:48:28 Block10 Signal Turns Red
13:48:31 HS2 [Train 68] arr Block1
13:48:31 Block1 Signal Turns Red
13:48:32 HS2 [Train 66] arr Block3
13:48:32 Block3 Signal Turns Red
13:48:33 HS2 [Train 59 ] dep Block10 for Block11
13:48:33 HS2 [Train 63 ] arr Block6
13:48:33 Block6 Signal Turns Red
13:48:38 Block10 Signal Turns Green
13:48:43 HS2 [Train 60] dep Block9 for Block10
13:48:43 HS2 [Train 67] arr Block2
13:48:43 Block2 Signal Turns Red
13:48:48 Block9 Signal Turns Green
13:48:53 HS2 [Train 61] dep Block8 for Block9
13:48:58 Block8 Signal Turns Green
13:49:03 HS2 [Train 62] dep Block7 for Block8
13:49:08 Block7 Signal Turns Green
13:49:13 HS2 [Train 63 ] dep Block6 for Block7
13:49:18 Block6 Signal Turns Green
13:49:23 HS2 [Train 64 ] dep Block5 for Block6
13:49:28 Block5 Signal Turns Green
13:49:33 HS2 [Train 65 ] dep Block4 for Block5
13:49:38 Block4 Signal Turns Green
13:49:43 HS2 [Train 66 ] dep Block3 for Block4
13:49:48 Block3 Signal Turns Green
13:49:53 HS2 [Train 67] dep Block2 for Block3
13:49:58 Block2 Signal Turns Green
13:50:00 HS2 [Train 56] arr Block14
13:50:00 Block14 Signal Turns Red
13:50:03 HS2 [Train 68 ] dep Block1 for Block2
13:50:05 HS2 [Train 56] dep Block14 for London Old Oak (DEPOT)
13:50:08 Block1 Signal Turns Green
13:50:10 Block14 Signal Turns Green
13:50:13 HS2 [Train 69] dep London Old Oak for Block1
13:50:18 London Old Oak Signal Turns Green
13:50:23 HS2 [Train 70] dep London Old Oak (DEPOT) for London Old Oak
13:50:25 HS2 [Train 56] arr London Old Oak (DEPOT)
13:50:25 London Old Oak (DEPOT) Signal Turns Red
13:50:43 HS2 [Train 70 ] arr London Old Oak
13:50:43 London Old Oak Signal Turns Red
13:51:37 HS2 [Train 57] arr Block13
13:51:37 Block13 Signal Turns Red
13:51:42 HS2 [Train 57] dep Block13 for Block14
13:51:47 Block13 Signal Turns Green
13:52:39 HS2 [Train 58 ] arr Block12
13:52:39 Block12 Signal Turns Red
13:52:44 HS2 [Train 58 ] dep Block12 for Block13
13:52:49 Block12 Signal Turns Green
13:53:02 HS2 [Train 61] arr Block9
13:53:02 Block9 Signal Turns Red
13:53:22 HS2 [Train 62 ] arr Block8
13:53:22 Block8 Signal Turns Red
13:53:33 HS2 [Train 63] arr Block7
13:53:33 Block7 Signal Turns Red
13:53:47 HS2 [Train 65] arr Block5
13:53:47 Block5 Signal Turns Red
13:53:55 HS2 [Train 66 ] arr Block4
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13:53:55 Block4 Signal Turns Red
13:53:56 HS2 [Train 59 ] arr Block11
13:53:56 Block11 Signal Turns Red
13:54:01 HS2 [Train 59 ] dep Block11 for Block12
13:54:06 Block11 Signal Turns Green
13:54:19 HS2 [Train 60 ] arr Block10
13:54:19 Block10 Signal Turns Red
13:54:22 HS2 [Train 69] arr Block1
13:54:22 Block1 Signal Turns Red
13:54:23 HS2 [Train 67] arr Block3
13:54:23 Block3 Signal Turns Red
13:54:24 HS2 [Train 60 ] dep Block10 for Block11
13:54:25 HS2 [Train 64] arr Block6
13:54:25 Block6 Signal Turns Red
13:54:29 Block10 Signal Turns Green
13:54:34 HS2 [Train 61] dep Block9 for Block10
13:54:35 HS2 [Train 68 ] arr Block2
13:54:35 Block2 Signal Turns Red
13:54:39 Block9 Signal Turns Green
13:54:44 HS2 [Train 62] dep Block8 for Block9
13:54:49 Block8 Signal Turns Green
13:54:54 HS2 [Train 63 ] dep Block7 for Block8
13:54:59 Block7 Signal Turns Green
13:55:04 HS2 [Train 64 ] dep Block6 for Block7
13:55:09 Block6 Signal Turns Green
13:55:14 HS2 [Train 65] dep Block5 for Block6
13:55:19 Block5 Signal Turns Green
13:55:24 HS2 [Train 66 ] dep Block4 for Block5
13:55:29 Block4 Signal Turns Green
13:55:34 HS2 [Train 67] dep Block3 for Block4
13:55:39 Block3 Signal Turns Green
13:55:44 HS2 [Train 68 ] dep Block2 for Block3
13:55:49 Block2 Signal Turns Green
13:55:51 HS2 [Train 57] arr Block14
13:55:51 Block14 Signal Turns Red
13:55:54 HS2 [Train 69 ] dep Block1 for Block2
13:55:56 HS2 [Train 57] dep Block14 for London Old Oak (DEPOT)
13:55:59 Block1 Signal Turns Green
13:56:01 Block14 Signal Turns Green
13:56:04 HS2 [Train 70 ] dep London Old Oak for Block1
13:56:09 London Old Oak Signal Turns Green
13:56:14 HS2 [Train 71] dep London Old Oak (DEPOT) for London Old Oak
13:56:16 HS2 [Train 57] arr London Old Oak (DEPOT)
13:56:16 London Old Oak (DEPOT) Signal Turns Red
13:56:34 HS2 [Train 71] arr London Old Oak
13:56:34 London Old Oak Signal Turns Red
13:57:28 HS2 [Train 58] arr Block13
13:57:28 Block13 Signal Turns Red
13:57:33 HS2 [Train 58 ] dep Block13 for Block14
13:57:38 Block13 Signal Turns Green
13:58:31 HS2 [Train 59 ] arr Block12
13:58:31 Block12 Signal Turns Red
13:58:36 HS2 [Train 59] dep Block12 for Block13
13:58:41 Block12 Signal Turns Green
13:58:54 HS2 [Train 62] arr Block9
13:58:54 Block9 Signal Turns Red
13:59:14 HS2 [Train 63 ] arr Block8
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13:59:14 Block8 Signal Turns Red
13:59:24 HS2 [Train 64] arr Block7
13:59:24 Block7 Signal Turns Red
13:59:38 HS2 [Train 66 ] arr Block5
13:59:38 Block5 Signal Turns Red
13:59:47 HS2 [Train 67] arr Block4
13:59:47 Block4 Signal Turns Red
13:59:48 HS2 [Train 60 ] arr Block11
13:59:48 Block11 Signal Turns Red
13:59:53 HS2 [Train 60 ] dep Block11 for Block12
13:59:58 Block11 Signal Turns Green
14:00:11 HS2 [Train 61] arr Block10
14:00:11 Block10 Signal Turns Red
14:00:14 HS2 [Train 70 ] arr Block1
14:00:14 Block1 Signal Turns Red
14:00:15 HS2 [Train 68] arr Block3
14:00:15 Block3 Signal Turns Red
14:00:16 HS2 [Train 61 ] dep Block10 for Block11
14:00:16 HS2 [Train 65] arr Block6
14:00:16 Block6 Signal Turns Red
14:00:21 Block10 Signal Turns Green
14:00:26 HS2 [Train 62] dep Block9 for Block10
14:00:26 HS2 [Train 69] arr Block2
14:00:26 Block2 Signal Turns Red
14:00:31 Block9 Signal Turns Green
14:00:36 HS2 [Train 63 ] dep Block8 for Block9
14:00:41 Block8 Signal Turns Green
14:00:46 HS2 [Train 64] dep Block7 for Block8
14:00:51 Block7 Signal Turns Green
14:00:56 HS2 [Train 65] dep Block6 for Block7
14:01:01 Block6 Signal Turns Green
14:01:06 HS2 [Train 66 ] dep Block5 for Block6
14:01:11 Block5 Signal Turns Green
14:01:16 HS2 [Train 67] dep Block4 for Block5
14:01:21 Block4 Signal Turns Green
14:01:26 HS2 [Train 68 ] dep Block3 for Block4
14:01:31 Block3 Signal Turns Green
14:01:36 HS2 [Train 69] dep Block2 for Block3
14:01:41 Block2 Signal Turns Green
14:01:43 HS2 [Train 58] arr Block14
14:01:43 Block14 Signal Turns Red
14:01:46 HS2 [Train 70 ] dep Block1 for Block2
14:01:48 HS2 [Train 58] dep Block14 for London Old Oak (DEPOT)
14:01:51 Block1 Signal Turns Green
14:01:53 Block14 Signal Turns Green
14:01:56 HS2 [Train 71] dep London Old Oak for Block1
14:02:01 London Old Oak Signal Turns Green
14:02:06 HS2 [Train 72] dep London Old Oak (DEPOT) for London Old Oak
14:02:08 HS2 [Train 58] arr London Old Oak (DEPOT)
14:02:08 London Old Oak (DEPOT) Signal Turns Red
14:02:26 HS2 [Train 72] arr London Old Oak
14:02:26 London Old Oak Signal Turns Red
14:03:20 HS2 [Train 59] arr Block13
14:03:20 Block13 Signal Turns Red
14:03:25 HS2 [Train 59 ] dep Block13 for Block14
14:03:30 Block13 Signal Turns Green
14:04:22 HS2 [Train 60 ] arr Block12
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14:04:22 Block12 Signal Turns Red
14:04:27 HS2 [Train 60 ] dep Block12 for Block13
14:04:32 Block12 Signal Turns Green
14:04:45 HS2 [Train 63] arr Block9
14:04:45 Block9 Signal Turns Red
14:05:05 HS2 [Train 64] arr Block8
14:05:05 Block8 Signal Turns Red
14:05:16 HS2 [Train 65] arr Block7
14:05:16 Block7 Signal Turns Red
14:05:30 HS2 [Train 67] arr Block5
14:05:30 Block5 Signal Turns Red
14:05:38 HS2 [Train 68 ] arr Block4
14:05:38 Block4 Signal Turns Red
14:05:39 HS2 [Train 61] arr Block11
14:05:39 Block11 Signal Turns Red
14:05:44 HS2 [Train 61 ] dep Block11 for Block12
14:05:49 Block11 Signal Turns Green
14:06:03 HS2 [Train 62] arr Block10
14:06:03 Block10 Signal Turns Red
14:06:05 HS2 [Train 71] arr Block1
14:06:05 Block1 Signal Turns Red
14:06:06 HS2 [Train 69] arr Block3
14:06:06 Block3 Signal Turns Red
14:06:08 HS2 [Train 62 ] dep Block10 for Block11
14:06:08 HS2 [Train 66 ] arr Block6
14:06:08 Block6 Signal Turns Red
14:06:13 Block10 Signal Turns Green
14:06:18 HS2 [Train 63] dep Block9 for Block10
14:06:18 HS2 [Train 70 ] arr Block2
14:06:18 Block2 Signal Turns Red
14:06:23 Block9 Signal Turns Green
14:06:28 HS2 [Train 64] dep Block8 for Block9
14:06:33 Block8 Signal Turns Green
14:06:38 HS2 [Train 65 ] dep Block7 for Block8
14:06:43 Block7 Signal Turns Green
14:06:48 HS2 [Train 66 ] dep Block6 for Block7
14:06:53 Block6 Signal Turns Green
14:06:58 HS2 [Train 67] dep Block5 for Block6
14:07:03 Block5 Signal Turns Green
14:07:08 HS2 [Train 68 ] dep Block4 for Block5
14:07:13 Block4 Signal Turns Green
14:07:18 HS2 [Train 69 ] dep Block3 for Block4
14:07:23 Block3 Signal Turns Green
14:07:28 HS2 [Train 70 ] dep Block2 for Block3
14:07:33 Block2 Signal Turns Green
14:07:34 HS2 [Train 59] arr Block14
14:07:34 Block14 Signal Turns Red
14:07:38 HS2 [Train 71 ] dep Block1 for Block2
14:07:39 HS2 [Train 59 ] dep Block14 for London Old Oak (DEPOT)
14:07:43 Block1 Signal Turns Green
14:07:44 Block14 Signal Turns Green
14:07:48 HS2 [Train 72] dep London Old Oak for Block1
14:07:53 London Old Oak Signal Turns Green
14:07:58 HS2 [Train 73] dep London Old Oak (DEPOT) for London Old Oak
14:07:59 HS2 [Train 59] arr London Old Oak (DEPOT)
14:07:59 London Old Oak (DEPOT) Signal Turns Red
14:08:18 HS2 [Train 73] arr London Old Oak
```

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x18203621_MSO_CA1_Code
14:08:18 London Old Oak Signal Turns Red
14:09:11 HS2 [Train 60 ] arr Block13
14:09:11 Block13 Signal Turns Red
14:09:16 HS2 [Train 60 ] dep Block13 for Block14
14:09:21 Block13 Signal Turns Green
14:10:14 HS2 [Train 61] arr Block12
14:10:14 Block12 Signal Turns Red
14:10:19 HS2 [Train 61] dep Block12 for Block13
14:10:24 Block12 Signal Turns Green
14:10:37 HS2 [Train 64 ] arr Block9
14:10:37 Block9 Signal Turns Red
14:10:57 HS2 [Train 65] arr Block8
14:10:57 Block8 Signal Turns Red
14:11:08 HS2 [Train 66 ] arr Block7
14:11:08 Block7 Signal Turns Red
14:11:21 HS2 [Train 68] arr Block5
14:11:21 Block5 Signal Turns Red
14:11:30 HS2 [Train 69] arr Block4
14:11:30 Block4 Signal Turns Red
14:11:31 HS2 [Train 62] arr Block11
14:11:31 Block11 Signal Turns Red
14:11:36 HS2 [Train 62 ] dep Block11 for Block12
14:11:41 Block11 Signal Turns Green
14:11:54 HS2 [Train 63 ] arr Block10
14:11:54 Block10 Signal Turns Red
14:11:57 HS2 [Train 72] arr Block1
14:11:57 Block1 Signal Turns Red
14:11:58 HS2 [Train 70 ] arr Block3
14:11:58 Block3 Signal Turns Red
14:11:59 HS2 [Train 63 ] dep Block10 for Block11
14:11:59 HS2 [Train 67] arr Block6
14:11:59 Block6 Signal Turns Red
14:12:04 Block10 Signal Turns Green
14:12:09 HS2 [Train 64 ] dep Block9 for Block10
14:12:09 HS2 [Train 71] arr Block2
14:12:09 Block2 Signal Turns Red
14:12:14 Block9 Signal Turns Green
14:12:19 HS2 [Train 65 ] dep Block8 for Block9
14:12:24 Block8 Signal Turns Green
14:12:29 HS2 [Train 66 ] dep Block7 for Block8
14:12:34 Block7 Signal Turns Green
14:12:39 HS2 [Train 67 ] dep Block6 for Block7
14:12:44 Block6 Signal Turns Green
14:12:49 HS2 [Train 68 ] dep Block5 for Block6
14:12:54 Block5 Signal Turns Green
14:12:59 HS2 [Train 69 ] dep Block4 for Block5
14:13:04 Block4 Signal Turns Green
14:13:09 HS2 [Train 70] dep Block3 for Block4
14:13:14 Block3 Signal Turns Green
14:13:19 HS2 [Train 71] dep Block2 for Block3
14:13:24 Block2 Signal Turns Green
14:13:26 HS2 [Train 60 ] arr Block14
14:13:26 Block14 Signal Turns Red
14:13:29 HS2 [Train 72] dep Block1 for Block2
14:13:31 HS2 [Train 60 ] dep Block14 for London Old Oak (DEPOT)
14:13:34 Block1 Signal Turns Green
14:13:36 Block14 Signal Turns Green
```

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x18203621 MSO CA1 Code
14:13:39 HS2 [Train 73] dep London Old Oak for Block1
14:13:44 London Old Oak Signal Turns Green
14:13:49 HS2 [Train 74] dep London Old Oak (DEPOT) for London Old Oak
14:13:51 HS2 [Train 60 ] arr London Old Oak (DEPOT)
14:13:51 London Old Oak (DEPOT) Signal Turns Red
14:14:09 HS2 [Train 74] arr London Old Oak
14:14:09 London Old Oak Signal Turns Red
14:15:03 HS2 [Train 61] arr Block13
14:15:03 Block13 Signal Turns Red
14:15:08 HS2 [Train 61] dep Block13 for Block14
14:15:13 Block13 Signal Turns Green
14:16:05 HS2 [Train 62] arr Block12
14:16:05 Block12 Signal Turns Red
14:16:10 HS2 [Train 62 ] dep Block12 for Block13
14:16:15 Block12 Signal Turns Green
14:16:29 HS2 [Train 65] arr Block9
14:16:29 Block9 Signal Turns Red
14:16:48 HS2 [Train 66] arr Block8
14:16:48 Block8 Signal Turns Red
14:16:59 HS2 [Train 67] arr Block7
14:16:59 Block7 Signal Turns Red
14:17:13 HS2 [Train 69] arr Block5
14:17:13 Block5 Signal Turns Red
14:17:22 HS2 [Train 70 ] arr Block4
14:17:22 Block4 Signal Turns Red
14:17:23 HS2 [Train 63 ] arr Block11
14:17:23 Block11 Signal Turns Red
14:17:28 HS2 [Train 63 ] dep Block11 for Block12
14:17:33 Block11 Signal Turns Green
14:17:46 HS2 [Train 64] arr Block10
14:17:46 Block10 Signal Turns Red
14:17:49 HS2 [Train 73 ] arr Block1
14:17:49 Block1 Signal Turns Red
14:17:49 HS2 [Train 71] arr Block3
14:17:49 Block3 Signal Turns Red
14:17:51 HS2 [Train 64 ] dep Block10 for Block11
14:17:51 HS2 [Train 68] arr Block6
14:17:51 Block6 Signal Turns Red
14:17:56 Block10 Signal Turns Green
14:18:01 HS2 [Train 65 ] dep Block9 for Block10
14:18:01 HS2 [Train 72 ] arr Block2
14:18:01 Block2 Signal Turns Red
14:18:06 Block9 Signal Turns Green
14:18:11 HS2 [Train 66] dep Block8 for Block9
14:18:16 Block8 Signal Turns Green
14:18:21 HS2 [Train 67] dep Block7 for Block8
14:18:26 Block7 Signal Turns Green
14:18:31 HS2 [Train 68 ] dep Block6 for Block7
14:18:36 Block6 Signal Turns Green
14:18:41 HS2 [Train 69] dep Block5 for Block6
14:18:46 Block Signal Turns Green
14:18:51 HS2 [Train 70 ] dep Block4 for Block5
14:18:56 Block4 Signal Turns Green
14:19:01 HS2 [Train 71] dep Block3 for Block4
14:19:06 Block3 Signal Turns Green
14:19:11 HS2 [Train 72 ] dep Block2 for Block3
14:19:16 Block2 Signal Turns Green
```

```
x18203621_MSO_CA1_Code
14:19:17 HS2 [Train 61] arr Block14
14:19:17 Block14 Signal Turns Red
14:19:21 HS2 [Train 73 ] dep Block1 for Block2
14:19:22 HS2 [Train 61] dep Block14 for London Old Oak (DEPOT)
14:19:26 Block1 Signal Turns Green
14:19:27 Block14 Signal Turns Green
14:19:31 HS2 [Train 74] dep London Old Oak for Block1
14:19:36 London Old Oak Signal Turns Green
14:19:41 HS2 [Train 75] dep London Old Oak (DEPOT) for London Old Oak
14:19:42 HS2 [Train 61] arr London Old Oak (DEPOT)
14:19:42 London Old Oak (DEPOT) Signal Turns Red
14:20:01 HS2 [Train 75] arr London Old Oak
14:20:01 London Old Oak Signal Turns Red
14:20:55 HS2 [Train 62] arr Block13
14:20:55 Block13 Signal Turns Red
14:21:00 HS2 [Train 62 ] dep Block13 for Block14
14:21:05 Block13 Signal Turns Green
14:21:57 HS2 [Train 63] arr Block12
14:21:57 Block12 Signal Turns Red
14:22:02 HS2 [Train 63 ] dep Block12 for Block13
14:22:07 Block12 Signal Turns Green
14:22:20 HS2 [Train 66] arr Block9
14:22:20 Block9 Signal Turns Red
14:22:40 HS2 [Train 67] arr Block8
14:22:40 Block8 Signal Turns Red
14:22:51 HS2 [Train 68] arr Block7
14:22:51 Block7 Signal Turns Red
14:23:05 HS2 [Train 70 ] arr Block5
14:23:05 Block5 Signal Turns Red
14:23:13 HS2 [Train 71] arr Block4
14:23:13 Block4 Signal Turns Red
14:23:14 HS2 [Train 64] arr Block11
14:23:14 Block11 Signal Turns Red
14:23:19 HS2 [Train 64 ] dep Block11 for Block12
14:23:24 Block11 Signal Turns Green
14:23:37 HS2 [Train 65] arr Block10
14:23:37 Block10 Signal Turns Red
14:23:40 HS2 [Train 74] arr Block1
14:23:40 Block1 Signal Turns Red
14:23:41 HS2 [Train 72 ] arr Block3
14:23:41 Block3 Signal Turns Red
14:23:42 HS2 [Train 65 ] dep Block10 for Block11
14:23:42 HS2 [Train 69 ] arr Block6
14:23:42 Block6 Signal Turns Red
14:23:47 Block10 Signal Turns Green
14:23:52 HS2 [Train 66 ] dep Block9 for Block10
14:23:53 HS2 [Train 73] arr Block2
14:23:53 Block2 Signal Turns Red
14:23:57 Block9 Signal Turns Green
14:24:02 HS2 [Train 67] dep Block8 for Block9
14:24:07 Block8 Signal Turns Green
14:24:12 HS2 [Train 68 ] dep Block7 for Block8
14:24:17 Block7 Signal Turns Green
14:24:22 HS2 [Train 69] dep Block6 for Block7
14:24:27 Block6 Signal Turns Green
14:24:32 HS2 [Train 70 ] dep Block5 for Block6
14:24:37 Block5 Signal Turns Green
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x18203621 MSO CA1 Code
14:24:42 HS2 [Train 71] dep Block4 for Block5
14:24:47 Block4 Signal Turns Green
14:24:52 HS2 [Train 72 ] dep Block3 for Block4
14:24:57 Block3 Signal Turns Green
14:25:02 HS2 [Train 73 ] dep Block2 for Block3
14:25:07 Block2 Signal Turns Green
14:25:09 HS2 [Train 62] arr Block14
14:25:09 Block14 Signal Turns Red
14:25:12 HS2 [Train 74] dep Block1 for Block2
14:25:14 HS2 [Train 62] dep Block14 for London Old Oak (DEPOT)
14:25:17 Block1 Signal Turns Green
14:25:19 Block14 Signal Turns Green
14:25:22 HS2 [Train 75] dep London Old Oak for Block1
14:25:27 London Old Oak Signal Turns Green
14:25:32 HS2 [Train 76] dep London Old Oak (DEPOT) for London Old Oak
14:25:34 HS2 [Train 62] arr London Old Oak (DEPOT)
14:25:34 London Old Oak (DEPOT) Signal Turns Red
14:25:52 HS2 [Train 76] arr London Old Oak
14:25:52 London Old Oak Signal Turns Red
14:26:46 HS2 [Train 63] arr Block13
14:26:46 Block13 Signal Turns Red
14:26:51 HS2 [Train 63 ] dep Block13 for Block14
14:26:56 Block13 Signal Turns Green
14:27:48 HS2 [Train 64] arr Block12
14:27:48 Block12 Signal Turns Red
14:27:53 HS2 [Train 64] dep Block12 for Block13
14:27:58 Block12 Signal Turns Green
14:28:12 HS2 [Train 67] arr Block9
14:28:12 Block9 Signal Turns Red
14:28:32 HS2 [Train 68 ] arr Block8
14:28:32 Block8 Signal Turns Red
14:28:42 HS2 [Train 69] arr Block7
14:28:42 Block7 Signal Turns Red
14:28:56 HS2 [Train 71] arr Block5
14:28:56 Block5 Signal Turns Red
14:29:05 HS2 [Train 72] arr Block4
14:29:05 Block4 Signal Turns Red
14:29:06 HS2 [Train 65] arr Block11
14:29:06 Block11 Signal Turns Red
14:29:11 HS2 [Train 65] dep Block11 for Block12
14:29:16 Block11 Signal Turns Green
14:29:29 HS2 [Train 66 ] arr Block10
14:29:29 Block10 Signal Turns Red
14:29:32 HS2 [Train 75] arr Block1
14:29:32 Block1 Signal Turns Red
14:29:33 HS2 [Train 73 ] arr Block3
14:29:33 Block3 Signal Turns Red
14:29:34 HS2 [Train 66 ] dep Block10 for Block11
14:29:34 HS2 [Train 70 ] arr Block6
14:29:34 Block6 Signal Turns Red
14:29:39 Block10 Signal Turns Green
14:29:44 HS2 [Train 67 ] dep Block9 for Block10
14:29:44 HS2 [Train 74] arr Block2
14:29:44 Block2 Signal Turns Red
14:29:49 Block9 Signal Turns Green
14:29:54 HS2 [Train 68 ] dep Block8 for Block9
14:29:59 Block8 Signal Turns Green
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14:30:04 HS2 [Train 69 ] dep Block7 for Block8
14:30:09 Block7 Signal Turns Green
14:30:14 HS2 [Train 70 ] dep Block6 for Block7
14:30:19 Block6 Signal Turns Green
14:30:24 HS2 [Train 71] dep Block5 for Block6
14:30:29 Block5 Signal Turns Green
14:30:34 HS2 [Train 72] dep Block4 for Block5
14:30:39 Block4 Signal Turns Green
14:30:44 HS2 [Train 73 ] dep Block3 for Block4
14:30:49 Block3 Signal Turns Green
14:30:54 HS2 [Train 74] dep Block2 for Block3
14:30:59 Block2 Signal Turns Green
14:31:01 HS2 [Train 63] arr Block14
14:31:01 Block14 Signal Turns Red
14:31:04 HS2 [Train 75] dep Block1 for Block2
14:31:06 HS2 [Train 63 ] dep Block14 for London Old Oak (DEPOT)
14:31:09 Block1 Signal Turns Green
14:31:11 Block14 Signal Turns Green
14:31:14 HS2 [Train 76] dep London Old Oak for Block1
14:31:19 London Old Oak Signal Turns Green
14:31:24 HS2 [Train 77] dep London Old Oak (DEPOT) for London Old Oak
14:31:26 HS2 [Train 63] arr London Old Oak (DEPOT)
14:31:26 London Old Oak (DEPOT) Signal Turns Red
14:31:44 HS2 [Train 77] arr London Old Oak
14:31:44 London Old Oak Signal Turns Red
14:32:38 HS2 [Train 64 ] arr Block13
14:32:38 Block13 Signal Turns Red
14:32:43 HS2 [Train 64 ] dep Block13 for Block14
14:32:48 Block13 Signal Turns Green
14:33:40 HS2 [Train 65] arr Block12
14:33:40 Block12 Signal Turns Red
14:33:45 HS2 [Train 65 ] dep Block12 for Block13
14:33:50 Block12 Signal Turns Green
14:34:03 HS2 [Train 68] arr Block9
14:34:03 Block9 Signal Turns Red
14:34:23 HS2 [Train 69] arr Block8
14:34:23 Block8 Signal Turns Red
14:34:34 HS2 [Train 70 ] arr Block7
14:34:34 Block7 Signal Turns Red
14:34:48 HS2 [Train 72] arr Block5
14:34:48 Block5 Signal Turns Red
14:34:56 HS2 [Train 73] arr Block4
14:34:56 Block4 Signal Turns Red
14:34:57 HS2 [Train 66 ] arr Block11
14:34:57 Block11 Signal Turns Red
14:35:02 HS2 [Train 66 ] dep Block11 for Block12
14:35:07 Block11 Signal Turns Green
14:35:21 HS2 [Train 67] arr Block10
14:35:21 Block10 Signal Turns Red
14:35:23 HS2 [Train 76] arr Block1
14:35:23 Block1 Signal Turns Red
14:35:24 HS2 [Train 74] arr Block3
14:35:24 Block3 Signal Turns Red
14:35:26 HS2 [Train 67] dep Block10 for Block11
14:35:26 HS2 [Train 71 ] arr Block6
14:35:26 Block6 Signal Turns Red
14:35:31 Block10 Signal Turns Green
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x18203621 MSO CA1 Code
14:35:36 HS2 [Train 68] dep Block9 for Block10
14:35:36 HS2 [Train 75] arr Block2
14:35:36 Block2 Signal Turns Red
14:35:41 Blocko Signal Turns Green
14:35:46 HS2 [Train 69 ] dep Block8 for Block9
14:35:51 Block8 Signal Turns Green
14:35:56 HS2 [Train 70 ] dep Block7 for Block8
14:36:01 Block7 Signal Turns Green
14:36:06 HS2 [Train 71] dep Block6 for Block7
14:36:11 Block6 Signal Turns Green
14:36:16 HS2 [Train 72] dep Block5 for Block6
14:36:21 Block5 Signal Turns Green
14:36:26 HS2 [Train 73 ] dep Block4 for Block5
14:36:31 Block4 Signal Turns Green
14:36:36 HS2 [Train 74 ] dep Block3 for Block4
14:36:41 Block3 Signal Turns Green
14:36:46 HS2 [Train 75 ] dep Block2 for Block3
14:36:51 Block2 Signal Turns Green
14:36:52 HS2 [Train 64] arr Block14
14:36:52 Block14 Signal Turns Red
14:36:56 HS2 [Train 76 ] dep Block1 for Block2
14:36:57 HS2 [Train 64] dep Block14 for London Old Oak (DEPOT)
14:37:01 Block1 Signal Turns Green
14:37:02 Block14 Signal Turns Green
14:37:06 HS2 [Train 77] dep London Old Oak for Block1
14:37:11 London Old Oak Signal Turns Green
14:37:16 HS2 [Train 78 ] dep London Old Oak (DEPOT) for London Old Oak
14:37:17 HS2 [Train 64] arr London Old Oak (DEPOT)
14:37:17 London Old Oak (DEPOT) Signal Turns Red
14:37:36 HS2 [Train 78] arr London Old Oak
14:37:36 London Old Oak Signal Turns Red
14:38:29 HS2 [Train 65] arr Block13
14:38:29 Block13 Signal Turns Red
14:38:34 HS2 [Train 65 ] dep Block13 for Block14
14:38:39 Block13 Signal Turns Green
14:39:32 HS2 [Train 66] arr Block12
14:39:32 Block12 Signal Turns Red
14:39:37 HS2 [Train 66] dep Block12 for Block13
14:39:42 Block12 Signal Turns Green
14:39:55 HS2 [Train 69] arr Block9
14:39:55 Block9 Signal Turns Red
14:40:15 HS2 [Train 70 ] arr Block8
14:40:15 Block8 Signal Turns Red
14:40:25 HS2 [Train 71] arr Block7
14:40:25 Block7 Signal Turns Red
14:40:39 HS2 [Train 73 ] arr Block5
14:40:39 Block5 Signal Turns Red
14:40:48 HS2 [Train 74] arr Block4
14:40:48 Block4 Signal Turns Red
14:40:49 HS2 [Train 67] arr Block11
14:40:49 Block11 Signal Turns Red
14:40:54 HS2 [Train 67] dep Block11 for Block12
14:40:59 Block11 Signal Turns Green
14:41:12 HS2 [Train 68] arr Block10
14:41:12 Block10 Signal Turns Red
14:41:15 HS2 [Train 77 ] arr Block1
14:41:15 Block1 Signal Turns Red
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x18203621_MSO_CA1_Code
14:41:16 HS2 [Train 75] arr Block3
14:41:16 Block3 Signal Turns Red
14:41:17 HS2 [Train 68 ] dep Block10 for Block11
14:41:17 HS2 [Train 72] arr Block6
14:41:17 Block6 Signal Turns Red
14:41:22 Block10 Signal Turns Green
14:41:27 HS2 [Train 69 ] dep Block9 for Block10
14:41:27 HS2 [Train 76 ] arr Block2
14:41:27 Block2 Signal Turns Red
14:41:32 Blocko Signal Turns Green
14:41:37 HS2 [Train 70 ] dep Block8 for Block9
14:41:42 Block8 Signal Turns Green
14:41:47 HS2 [Train 71] dep Block7 for Block8
14:41:52 Block7 Signal Turns Green
14:41:57 HS2 [Train 72] dep Block6 for Block7
14:42:02 Block6 Signal Turns Green
14:42:07 HS2 [Train 73 ] dep Block5 for Block6
14:42:12 Block5 Signal Turns Green
14:42:17 HS2 [Train 74] dep Block4 for Block5
14:42:22 Block4 Signal Turns Green
14:42:27 HS2 [Train 75 ] dep Block3 for Block4
14:42:32 Block3 Signal Turns Green
14:42:37 HS2 [Train 76] dep Block2 for Block3
14:42:42 Block2 Signal Turns Green
14:42:44 HS2 [Train 65] arr Block14
14:42:44 Block14 Signal Turns Red
14:42:47 HS2 [Train 77 ] dep Block1 for Block2
14:42:49 HS2 [Train 65] dep Block14 for London Old Oak (DEPOT)
14:42:52 Block1 Signal Turns Green
14:42:54 Block14 Signal Turns Green
14:42:57 HS2 [Train 78] dep London Old Oak for Block1
14:43:02 London Old Oak Signal Turns Green
14:43:07 HS2 [Train 79] dep London Old Oak (DEPOT) for London Old Oak
14:43:09 HS2 [Train 65] arr London Old Oak (DEPOT)
14:43:09 London Old Oak (DEPOT) Signal Turns Red
14:43:27 HS2 [Train 79] arr London Old Oak
14:43:27 London Old Oak Signal Turns Red
14:44:21 HS2 [Train 66 ] arr Block13
14:44:21 Block13 Signal Turns Red
14:44:26 HS2 [Train 66 ] dep Block13 for Block14
14:44:31 Block13 Signal Turns Green
14:45:23 HS2 [Train 67] arr Block12
14:45:23 Block12 Signal Turns Red
14:45:28 HS2 [Train 67] dep Block12 for Block13
14:45:33 Block12 Signal Turns Green
14:45:46 HS2 [Train 70 ] arr Block9
14:45:46 Block9 Signal Turns Red
14:46:06 HS2 [Train 71] arr Block8
14:46:06 Block8 Signal Turns Red
14:46:17 HS2 [Train 72 ] arr Block7
14:46:17 Block7 Signal Turns Red
14:46:31 HS2 [Train 74] arr Block5
14:46:31 Block5 Signal Turns Red
14:46:39 HS2 [Train 75] arr Block4
14:46:39 Block4 Signal Turns Red
14:46:40 HS2 [Train 68] arr Block11
14:46:40 Block11 Signal Turns Red
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14:46:45 HS2 [Train 68 ] dep Block11 for Block12
14:46:50 Block11 Signal Turns Green
14:47:04 HS2 [Train 69] arr Block10
14:47:04 Block10 Signal Turns Red
14:47:06 HS2 [Train 78] arr Block1
14:47:06 Block1 Signal Turns Red
14:47:07 HS2 [Train 76] arr Block3
14:47:07 Block3 Signal Turns Red
14:47:09 HS2 [Train 69 ] dep Block10 for Block11
14:47:09 HS2 [Train 73] arr Block6
14:47:09 Block6 Signal Turns Red
14:47:14 Block10 Signal Turns Green
14:47:19 HS2 [Train 70 ] dep Block9 for Block10
14:47:19 HS2 [Train 77 ] arr Block2
14:47:19 Block2 Signal Turns Red
14:47:24 Blocko Signal Turns Green
14:47:29 HS2 [Train 71 ] dep Block8 for Block9
14:47:34 Block8 Signal Turns Green
14:47:39 HS2 [Train 72] dep Block7 for Block8
14:47:44 Block7 Signal Turns Green
14:47:49 HS2 [Train 73 ] dep Block6 for Block7
14:47:54 Block6 Signal Turns Green
14:47:59 HS2 [Train 74] dep Block5 for Block6
14:48:04 Block5 Signal Turns Green
14:48:09 HS2 [Train 75] dep Block4 for Block5
14:48:14 Block4 Signal Turns Green
14:48:19 HS2 [Train 76 ] dep Block3 for Block4
14:48:24 Block3 Signal Turns Green
14:48:29 HS2 [Train 77] dep Block2 for Block3
14:48:34 Block2 Signal Turns Green
14:48:35 HS2 [Train 66] arr Block14
14:48:35 Block14 Signal Turns Red
14:48:39 HS2 [Train 78 ] dep Block1 for Block2
14:48:40 HS2 [Train 66] dep Block14 for London Old Oak (DEPOT)
14:48:44 Block1 Signal Turns Green
14:48:45 Block14 Signal Turns Green
14:48:49 HS2 [Train 79] dep London Old Oak for Block1
14:48:54 London Old Oak Signal Turns Green
14:48:59 HS2 [Train 80 ] dep London Old Oak (DEPOT) for London Old Oak
14:49:00 HS2 [Train 66] arr London Old Oak (DEPOT)
14:49:00 London Old Oak (DEPOT) Signal Turns Red
14:49:19 HS2 [Train 80 ] arr London Old Oak
14:49:19 London Old Oak Signal Turns Red
14:50:13 HS2 [Train 67] arr Block13
14:50:13 Block13 Signal Turns Red
14:50:18 HS2 [Train 67] dep Block13 for Block14
14:50:23 Block13 Signal Turns Green
14:51:15 HS2 [Train 68 ] arr Block12
14:51:15 Block12 Signal Turns Red
14:51:20 HS2 [Train 68 ] dep Block12 for Block13
14:51:25 Block12 Signal Turns Green
14:51:38 HS2 [Train 71] arr Block9
14:51:38 Block9 Signal Turns Red
14:51:58 HS2 [Train 72 ] arr Block8
14:51:58 Block8 Signal Turns Red
14:52:09 HS2 [Train 73] arr Block7
14:52:09 Block7 Signal Turns Red
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x18203621_MSO_CA1_Code
14:52:22 HS2 [Train 75] arr Block5
14:52:22 Block5 Signal Turns Red
14:52:31 HS2 [Train 76] arr Block4
14:52:31 Block4 Signal Turns Red
14:52:32 HS2 [Train 69] arr Block11
14:52:32 Block11 Signal Turns Red
14:52:37 HS2 [Train 69 ] dep Block11 for Block12
14:52:42 Block11 Signal Turns Green
14:52:55 HS2 [Train 70 ] arr Block10
14:52:55 Block10 Signal Turns Red
14:52:58 HS2 [Train 79] arr Block1
14:52:58 Block1 Signal Turns Red
14:52:59 HS2 [Train 77 ] arr Block3
14:52:59 Block3 Signal Turns Red
14:53:00 HS2 [Train 70 ] dep Block10 for Block11
14:53:00 HS2 [Train 74] arr Block6
14:53:00 Block6 Signal Turns Red
14:53:05 Block10 Signal Turns Green
14:53:10 HS2 [Train 71] dep Block9 for Block10
14:53:10 HS2 [Train 78 ] arr Block2
14:53:10 Block2 Signal Turns Red
14:53:15 Block9 Signal Turns Green
14:53:20 HS2 [Train 72] dep Block8 for Block9
14:53:25 Block8 Signal Turns Green
14:53:30 HS2 [Train 73] dep Block7 for Block8
14:53:35 Block7 Signal Turns Green
14:53:40 HS2 [Train 74 ] dep Block6 for Block7
14:53:45 Block6 Signal Turns Green
14:53:50 HS2 [Train 75 ] dep Block5 for Block6
14:53:55 Block5 Signal Turns Green
14:54:00 HS2 [Train 76] dep Block4 for Block5
14:54:05 Block4 Signal Turns Green
14:54:10 HS2 [Train 77 ] dep Block3 for Block4
14:54:15 Block3 Signal Turns Green
14:54:20 HS2 [Train 78 ] dep Block2 for Block3
14:54:25 Block2 Signal Turns Green
14:54:27 HS2 [Train 67] arr Block14
14:54:27 Block14 Signal Turns Red
14:54:30 HS2 [Train 79 ] dep Block1 for Block2
14:54:32 HS2 [Train 67] dep Block14 for London Old Oak (DEPOT)
14:54:35 Block1 Signal Turns Green
14:54:37 Block14 Signal Turns Green
14:54:40 HS2 [Train 80 ] dep London Old Oak for Block1
14:54:45 London Old Oak Signal Turns Green
14:54:50 HS2 [Train 81] dep London Old Oak (DEPOT) for London Old Oak
14:54:52 HS2 [Train 67] arr London Old Oak (DEPOT)
14:54:52 London Old Oak (DEPOT) Signal Turns Red
14:55:10 HS2 [Train 81] arr London Old Oak
14:55:10 London Old Oak Signal Turns Red
14:56:04 HS2 [Train 68] arr Block13
14:56:04 Block13 Signal Turns Red
14:56:09 HS2 [Train 68 ] dep Block13 for Block14
14:56:14 Block13 Signal Turns Green
14:57:06 HS2 [Train 69] arr Block12
14:57:06 Block12 Signal Turns Red
14:57:11 HS2 [Train 69 ] dep Block12 for Block13
14:57:16 Block12 Signal Turns Green
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14:57:30 HS2 [Train 72 ] arr Block9
14:57:30 Block9 Signal Turns Red
14:57:49 HS2 [Train 73 ] arr Block8
14:57:49 Block8 Signal Turns Red
14:58:00 HS2 [Train 74] arr Block7
14:58:00 Block7 Signal Turns Red
14:58:14 HS2 [Train 76] arr Block5
14:58:14 Block5 Signal Turns Red
14:58:23 HS2 [Train 77] arr Block4
14:58:23 Block4 Signal Turns Red
14:58:24 HS2 [Train 70 ] arr Block11
14:58:24 Block11 Signal Turns Red
14:58:29 HS2 [Train 70 ] dep Block11 for Block12
14:58:34 Block11 Signal Turns Green
14:58:47 HS2 [Train 71] arr Block10
14:58:47 Block10 Signal Turns Red
14:58:50 HS2 [Train 80] arr Block1
14:58:50 Block1 Signal Turns Red
14:58:50 HS2 [Train 78] arr Block3
14:58:50 Block3 Signal Turns Red
14:58:52 HS2 [Train 71] dep Block10 for Block11
14:58:52 HS2 [Train 75] arr Block6
14:58:52 Block6 Signal Turns Red
14:58:57 Block10 Signal Turns Green
14:59:02 HS2 [Train 72 ] dep Block9 for Block10
14:59:02 HS2 [Train 79] arr Block2
14:59:02 Block2 Signal Turns Red
14:59:07 Block9 Signal Turns Green
14:59:12 HS2 [Train 73] dep Block8 for Block9
14:59:17 Block8 Signal Turns Green
14:59:22 HS2 [Train 74] dep Block7 for Block8
14:59:27 Block7 Signal Turns Green
14:59:32 HS2 [Train 75] dep Block6 for Block7
14:59:37 Block6 Signal Turns Green
14:59:42 HS2 [Train 76 ] dep Block5 for Block6
14:59:47 Block5 Signal Turns Green
14:59:52 HS2 [Train 77] dep Block4 for Block5
14:59:57 Block4 Signal Turns Green
15:00:02 HS2 [Train 78 ] dep Block3 for Block4
15:00:07 Block3 Signal Turns Green
15:00:12 HS2 [Train 79 ] dep Block2 for Block3
15:00:17 Block2 Signal Turns Green
15:00:18 HS2 [Train 68] arr Block14
15:00:18 Block14 Signal Turns Red
15:00:22 HS2 [Train 80 ] dep Block1 for Block2
15:00:23 HS2 [Train 68] dep Block14 for London Old Oak (DEPOT)
15:00:27 Block1 Signal Turns Green
15:00:28 Block14 Signal Turns Green
15:00:32 HS2 [Train 81] dep London Old Oak for Block1
15:00:37 London Old Oak Signal Turns Green
15:00:42 HS2 [Train 82] dep London Old Oak (DEPOT) for London Old Oak
15:00:43 HS2 [Train 68] arr London Old Oak (DEPOT)
15:00:43 London Old Oak (DEPOT) Signal Turns Red
15:01:02 HS2 [Train 82] arr London Old Oak
15:01:02 London Old Oak Signal Turns Red
15:01:56 HS2 [Train 69] arr Block13
15:01:56 Block13 Signal Turns Red
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15:02:01 HS2 [Train 69 ] dep Block13 for Block14
15:02:06 Block13 Signal Turns Green
15:02:58 HS2 [Train 70 ] arr Block12
15:02:58 Block12 Signal Turns Red
15:03:03 HS2 [Train 70 ] dep Block12 for Block13
15:03:08 Block12 Signal Turns Green
15:03:21 HS2 [Train 73 ] arr Block9
15:03:21 Block9 Signal Turns Red
15:03:41 HS2 [Train 74] arr Block8
15:03:41 Block8 Signal Turns Red
15:03:52 HS2 [Train 75 ] arr Block7
15:03:52 Block7 Signal Turns Red
15:04:06 HS2 [Train 77] arr Block5
15:04:06 Block5 Signal Turns Red
15:04:14 HS2 [Train 78] arr Block4
15:04:14 Block4 Signal Turns Red
15:04:15 HS2 [Train 71 ] arr Block11
15:04:15 Block11 Signal Turns Red
15:04:20 HS2 [Train 71 ] dep Block11 for Block12
15:04:25 Block11 Signal Turns Green
15:04:38 HS2 [Train 72] arr Block10
15:04:38 Block10 Signal Turns Red
15:04:41 HS2 [Train 81] arr Block1
15:04:41 Block1 Signal Turns Red
15:04:42 HS2 [Train 79 ] arr Block3
15:04:42 Block3 Signal Turns Red
15:04:43 HS2 [Train 72 ] dep Block10 for Block11
15:04:44 HS2 [Train 76] arr Block6
15:04:44 Block6 Signal Turns Red
15:04:48 Block10 Signal Turns Green
15:04:53 HS2 [Train 73] dep Block9 for Block10
15:04:54 HS2 [Train 80 ] arr Block2
15:04:54 Block2 Signal Turns Red
15:04:58 Block9 Signal Turns Green
15:05:03 HS2 [Train 74 ] dep Block8 for Block9
15:05:08 Block8 Signal Turns Green
15:05:13 HS2 [Train 75] dep Block7 for Block8
15:05:18 Block7 Signal Turns Green
15:05:23 HS2 [Train 76 ] dep Block6 for Block7
15:05:28 Block6 Signal Turns Green
15:05:33 HS2 [Train 77] dep Block5 for Block6
15:05:38 Block5 Signal Turns Green
15:05:43 HS2 [Train 78 ] dep Block4 for Block5
15:05:48 Block4 Signal Turns Green
15:05:53 HS2 [Train 79 ] dep Block3 for Block4
15:05:58 Block3 Signal Turns Green
15:06:03 HS2 [Train 80 ] dep Block2 for Block3
15:06:08 Block2 Signal Turns Green
15:06:10 HS2 [Train 69] arr Block14
15:06:10 Block14 Signal Turns Red
15:06:13 HS2 [Train 81] dep Block1 for Block2
15:06:15 HS2 [Train 69 ] dep Block14 for London Old Oak (DEPOT)
15:06:18 Block1 Signal Turns Green
15:06:20 Block14 Signal Turns Green
15:06:23 HS2 [Train 82 ] dep London Old Oak for Block1
15:06:28 London Old Oak Signal Turns Green
15:06:33 HS2 [Train 83] dep London Old Oak (DEPOT) for London Old Oak
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15:06:35 HS2 [Train 69] arr London Old Oak (DEPOT) 15:06:35 London Old Oak (DEPOT) Signal Turns Red 15:06:53 HS2 [Train 83] arr London Old Oak 15:06:53 London Old Oak Signal Turns Red 15:07:47 HS2 [Train 70] arr Block13 15:07:47 Block13 Signal Turns Red 15:07:52 HS2 [Train 70] dep Block13 for Block14 15:07:57 Block13 Signal Turns Green 15:08:49 HS2 [Train 71] arr Block12 15:08:49 Block12 Signal Turns Red 15:08:54 HS2 [Train 71] dep Block12 for Block13 15:08:59 Block12 Signal Turns Green 15:09:13 HS2 [Train 74] arr Block9 15:09:13 Block9 Signal Turns Red 15:09:33 HS2 [Train 75] arr Block8 15:09:33 Block8 Signal Turns Red 15:09:43 HS2 [Train 76] arr Block7 15:09:43 Block7 Signal Turns Red 15:09:57 HS2 [Train 78] arr Block5 15:09:57 Block5 Signal Turns Red 15:10:06 HS2 [Train 79] arr Block4 15:10:06 Block4 Signal Turns Red 15:10:07 HS2 [Train 72] arr Block11 15:10:07 Block11 Signal Turns Red 15:10:12 HS2 [Train 72] dep Block11 for Block12 15:10:17 Block11 Signal Turns Green 15:10:30 HS2 [Train 73] arr Block10 15:10:30 Block10 Signal Turns Red 15:10:33 HS2 [Train 82] arr Block1 15:10:33 Block1 Signal Turns Red 15:10:34 HS2 [Train 80] arr Block3 15:10:34 Block3 Signal Turns Red 15:10:35 HS2 [Train 73] dep Block10 for Block11 15:10:35 HS2 [Train 77] arr Block6 15:10:35 Block6 Signal Turns Red 15:10:40 Block10 Signal Turns Green 15:10:45 HS2 [Train 74] dep Block9 for Block10 15:10:45 HS2 [Train 81] arr Block2 15:10:45 Block2 Signal Turns Red 15:10:50 Block9 Signal Turns Green 15:10:55 HS2 [Train 75] dep Block8 for Block9 15:11:00 Block8 Signal Turns Green 15:11:05 HS2 [Train 76] dep Block7 for Block8 15:11:10 Block7 Signal Turns Green 15:11:15 HS2 [Train 77] dep Block6 for Block7 15:11:20 Block6 Signal Turns Green 15:11:25 HS2 [Train 78] dep Block5 for Block6 15:11:30 Block5 Signal Turns Green 15:11:35 HS2 [Train 79] dep Block4 for Block5 15:11:40 Block4 Signal Turns Green 15:11:45 HS2 [Train 80] dep Block3 for Block4 15:11:50 Block3 Signal Turns Green 15:11:55 HS2 [Train 81] dep Block2 for Block3 15:12:00 Block2 Signal Turns Green 15:12:02 HS2 [Train 70] arr Block14 15:12:02 Block14 Signal Turns Red

15:12:05 HS2 [Train 82] dep Block1 for Block2

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x18203621 MSO CA1 Code
15:12:07 HS2 [Train 70 ] dep Block14 for London Old Oak (DEPOT)
15:12:10 Block1 Signal Turns Green
15:12:12 Block14 Signal Turns Green
15:12:15 HS2 [Train 83 ] dep London Old Oak for Block1
15:12:20 London Old Oak Signal Turns Green
15:12:25 HS2 [Train 84] dep London Old Oak (DEPOT) for London Old Oak
15:12:27 HS2 [Train 70] arr London Old Oak (DEPOT)
15:12:27 London Old Oak (DEPOT) Signal Turns Red
15:12:45 HS2 [Train 84] arr London Old Oak
15:12:45 London Old Oak Signal Turns Red
15:13:39 HS2 [Train 71] arr Block13
15:13:39 Block13 Signal Turns Red
15:13:44 HS2 [Train 71] dep Block13 for Block14
15:13:49 Block13 Signal Turns Green
15:14:41 HS2 [Train 72] arr Block12
15:14:41 Block12 Signal Turns Red
15:14:46 HS2 [Train 72] dep Block12 for Block13
15:14:51 Block12 Signal Turns Green
15:15:04 HS2 [Train 75] arr Block9
15:15:04 Block9 Signal Turns Red
15:15:24 HS2 [Train 76 ] arr Block8
15:15:24 Block8 Signal Turns Red
15:15:35 HS2 [Train 77 ] arr Block7
15:15:35 Block7 Signal Turns Red
15:15:49 HS2 [Train 79] arr Block5
15:15:49 Block5 Signal Turns Red
15:15:57 HS2 [Train 80 ] arr Block4
15:15:57 Block4 Signal Turns Red
15:15:58 HS2 [Train 73 ] arr Block11
15:15:58 Block11 Signal Turns Red
15:16:03 HS2 [Train 73] dep Block11 for Block12
15:16:08 Block11 Signal Turns Green
15:16:22 HS2 [Train 74] arr Block10
15:16:22 Block10 Signal Turns Red
15:16:24 HS2 [Train 83] arr Block1
15:16:24 Block1 Signal Turns Red
15:16:25 HS2 [Train 81] arr Block3
15:16:25 Block3 Signal Turns Red
15:16:27 HS2 [Train 74] dep Block10 for Block11
15:16:27 HS2 [Train 78] arr Block6
15:16:27 Block6 Signal Turns Red
15:16:32 Block10 Signal Turns Green
15:16:37 HS2 [Train 75 ] dep Block9 for Block10
15:16:37 HS2 [Train 82 ] arr Block2
15:16:37 Block2 Signal Turns Red
15:16:42 Block9 Signal Turns Green
15:16:47 HS2 [Train 76] dep Block8 for Block9
15:16:52 Block8 Signal Turns Green
15:16:57 HS2 [Train 77 ] dep Block7 for Block8
15:17:02 Block7 Signal Turns Green
15:17:07 HS2 [Train 78] dep Block6 for Block7
15:17:12 Block6 Signal Turns Green
15:17:17 HS2 [Train 79] dep Block5 for Block6
15:17:22 Block5 Signal Turns Green
15:17:27 HS2 [Train 80 ] dep Block4 for Block5
15:17:32 Block4 Signal Turns Green
15:17:37 HS2 [Train 81] dep Block3 for Block4
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x18203621_MSO_CA1_Code
15:17:42 Block3 Signal Turns Green
15:17:47 HS2 [Train 82] dep Block2 for Block3
15:17:52 Block2 Signal Turns Green
15:17:53 HS2 [Train 71] arr Block14
15:17:53 Block14 Signal Turns Red
15:17:57 HS2 [Train 83] dep Block1 for Block2
15:17:58 HS2 [Train 71] dep Block14 for London Old Oak (DEPOT)
15:18:02 Block1 Signal Turns Green
15:18:03 Block14 Signal Turns Green
15:18:07 HS2 [Train 84] dep London Old Oak for Block1
15:18:12 London Old Oak Signal Turns Green
15:18:17 HS2 [Train 85] dep London Old Oak (DEPOT) for London Old Oak
15:18:18 HS2 [Train 71] arr London Old Oak (DEPOT)
15:18:18 London Old Oak (DEPOT) Signal Turns Red
15:18:37 HS2 [Train 85] arr London Old Oak
15:18:37 London Old Oak Signal Turns Red
15:19:30 HS2 [Train 72] arr Block13
15:19:30 Block13 Signal Turns Red
15:19:35 HS2 [Train 72] dep Block13 for Block14
15:19:40 Block13 Signal Turns Green
15:20:33 HS2 [Train 73 ] arr Block12
15:20:33 Block12 Signal Turns Red
15:20:38 HS2 [Train 73 ] dep Block12 for Block13
15:20:43 Block12 Signal Turns Green
15:20:56 HS2 [Train 76] arr Block9
15:20:56 Block9 Signal Turns Red
15:21:16 HS2 [Train 77 ] arr Block8
15:21:16 Block8 Signal Turns Red
15:21:26 HS2 [Train 78] arr Block7
15:21:26 Block7 Signal Turns Red
15:21:40 HS2 [Train 80] arr Block5
15:21:40 Block5 Signal Turns Red
15:21:49 HS2 [Train 81] arr Block4
15:21:49 Block4 Signal Turns Red
15:21:50 HS2 [Train 74 ] arr Block11
15:21:50 Block11 Signal Turns Red
15:21:55 HS2 [Train 74] dep Block11 for Block12
15:22:00 Block11 Signal Turns Green
15:22:13 HS2 [Train 75 ] arr Block10
15:22:13 Block10 Signal Turns Red
15:22:16 HS2 [Train 84] arr Block1
15:22:16 Block1 Signal Turns Red
15:22:17 HS2 [Train 82] arr Block3
15:22:17 Block3 Signal Turns Red
15:22:18 HS2 [Train 75 ] dep Block10 for Block11
15:22:18 HS2 [Train 79 ] arr Block6
15:22:18 Block6 Signal Turns Red
15:22:23 Block10 Signal Turns Green
15:22:28 HS2 [Train 76 ] dep Block9 for Block10
15:22:28 HS2 [Train 83] arr Block2
15:22:28 Block2 Signal Turns Red
15:22:33 Block9 Signal Turns Green
15:22:38 HS2 [Train 77] dep Block8 for Block9
15:22:43 Block8 Signal Turns Green
15:22:48 HS2 [Train 78 ] dep Block7 for Block8
15:22:53 Block7 Signal Turns Green
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15:22:58 HS2 [Train 79] dep Block6 for Block7

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x18203621_MSO_CA1_Code
15:23:03 Block6 Signal Turns Green
15:23:08 HS2 [Train 80 ] dep Block5 for Block6
15:23:13 Block5 Signal Turns Green
15:23:18 HS2 [Train 81] dep Block4 for Block5
15:23:23 Block4 Signal Turns Green
15:23:28 HS2 [Train 82] dep Block3 for Block4
15:23:33 Block3 Signal Turns Green
15:23:38 HS2 [Train 83 ] dep Block2 for Block3
15:23:43 Block2 Signal Turns Green
15:23:45 HS2 [Train 72 ] arr Block14
15:23:45 Block14 Signal Turns Red
15:23:48 HS2 [Train 84 ] dep Block1 for Block2
15:23:50 HS2 [Train 72] dep Block14 for London Old Oak (DEPOT)
15:23:53 Block1 Signal Turns Green
15:23:55 Block14 Signal Turns Green
15:23:58 HS2 [Train 85] dep London Old Oak for Block1
15:24:03 London Old Oak Signal Turns Green
15:24:08 HS2 [Train 86] dep London Old Oak (DEPOT) for London Old Oak
15:24:10 HS2 [Train 72] arr London Old Oak (DEPOT)
15:24:10 London Old Oak (DEPOT) Signal Turns Red
15:24:28 HS2 [Train 86] arr London Old Oak
15:24:28 London Old Oak Signal Turns Red
15:25:22 HS2 [Train 73 ] arr Block13
15:25:22 Block13 Signal Turns Red
15:25:27 HS2 [Train 73] dep Block13 for Block14
15:25:32 Block13 Signal Turns Green
15:26:24 HS2 [Train 74] arr Block12
15:26:24 Block12 Signal Turns Red
15:26:29 HS2 [Train 74] dep Block12 for Block13
15:26:34 Block12 Signal Turns Green
15:26:47 HS2 [Train 77] arr Block9
15:26:47 Block9 Signal Turns Red
15:27:07 HS2 [Train 78 ] arr Block8
15:27:07 Block8 Signal Turns Red
15:27:18 HS2 [Train 79] arr Block7
15:27:18 Block7 Signal Turns Red
15:27:32 HS2 [Train 81] arr Block5
15:27:32 Block5 Signal Turns Red
15:27:41 HS2 [Train 82] arr Block4
15:27:41 Block4 Signal Turns Red
15:27:41 HS2 [Train 75] arr Block11
15:27:41 Block11 Signal Turns Red
15:27:46 HS2 [Train 75 ] dep Block11 for Block12
15:27:51 Block11 Signal Turns Green
15:28:05 HS2 [Train 76 ] arr Block10
15:28:05 Block10 Signal Turns Red
15:28:08 HS2 [Train 85] arr Block1
15:28:08 Block1 Signal Turns Red
15:28:08 HS2 [Train 83] arr Block3
15:28:08 Block3 Signal Turns Red
15:28:10 HS2 [Train 76 ] dep Block10 for Block11
15:28:10 HS2 [Train 80 ] arr Block6
15:28:10 Block6 Signal Turns Red
15:28:15 Block10 Signal Turns Green
15:28:20 HS2 [Train 77 ] dep Block9 for Block10
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15:28:20 HS2 [Train 84] arr Block2 15:28:20 Block2 Signal Turns Red

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15:28:25 Block9 Signal Turns Green
15:28:30 HS2 [Train 78 ] dep Block8 for Block9
15:28:35 Block8 Signal Turns Green
15:28:40 HS2 [Train 79 ] dep Block7 for Block8
15:28:45 Block7 Signal Turns Green
15:28:50 HS2 [Train 80 ] dep Block6 for Block7
15:28:55 Block6 Signal Turns Green
15:29:00 HS2 [Train 81] dep Block5 for Block6
15:29:05 Block5 Signal Turns Green
15:29:10 HS2 [Train 82 ] dep Block4 for Block5
15:29:15 Block4 Signal Turns Green
15:29:20 HS2 [Train 83 ] dep Block3 for Block4
15:29:25 Block3 Signal Turns Green
15:29:30 HS2 [Train 84 ] dep Block2 for Block3
15:29:35 Block2 Signal Turns Green
15:29:36 HS2 [Train 73 ] arr Block14
15:29:36 Block14 Signal Turns Red
15:29:40 HS2 [Train 85 ] dep Block1 for Block2
15:29:41 HS2 [Train 73] dep Block14 for London Old Oak (DEPOT)
15:29:45 Block1 Signal Turns Green
15:29:46 Block14 Signal Turns Green
15:29:50 HS2 [Train 86] dep London Old Oak for Block1
15:29:55 London Old Oak Signal Turns Green
15:30:00 HS2 [Train 87] dep London Old Oak (DEPOT) for London Old Oak
15:30:01 HS2 [Train 73] arr London Old Oak (DEPOT)
15:30:01 London Old Oak (DEPOT) Signal Turns Red
15:30:20 HS2 [Train 87] arr London Old Oak
15:30:20 London Old Oak Signal Turns Red
15:31:14 HS2 [Train 74] arr Block13
15:31:14 Block13 Signal Turns Red
15:31:19 HS2 [Train 74] dep Block13 for Block14
15:31:24 Block13 Signal Turns Green
15:32:16 HS2 [Train 75 ] arr Block12
15:32:16 Block12 Signal Turns Red
15:32:21 HS2 [Train 75 ] dep Block12 for Block13
15:32:26 Block12 Signal Turns Green
15:32:39 HS2 [Train 78] arr Block9
15:32:39 Block9 Signal Turns Red
15:32:59 HS2 [Train 79] arr Block8
15:32:59 Block8 Signal Turns Red
15:33:10 HS2 [Train 80 ] arr Block7
15:33:10 Block7 Signal Turns Red
15:33:24 HS2 [Train 82] arr Block5
15:33:24 Block5 Signal Turns Red
15:33:32 HS2 [Train 83] arr Block4
15:33:32 Block4 Signal Turns Red
15:33:33 HS2 [Train 76] arr Block11
15:33:33 Block11 Signal Turns Red
15:33:38 HS2 [Train 76 ] dep Block11 for Block12
15:33:43 Block11 Signal Turns Green
15:33:56 HS2 [Train 77 ] arr Block10
15:33:56 Block10 Signal Turns Red
15:33:59 HS2 [Train 86] arr Block1
15:33:59 Block1 Signal Turns Red
15:34:00 HS2 [Train 84] arr Block3
15:34:00 Block3 Signal Turns Red
15:34:01 HS2 [Train 77] dep Block10 for Block11
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x18203621_MSO_CA1_Code
15:34:01 HS2 [Train 81] arr Block6
15:34:01 Block6 Signal Turns Red
15:34:06 Block10 Signal Turns Green
15:34:11 HS2 [Train 78 ] dep Block9 for Block10
15:34:12 HS2 [Train 85] arr Block2
15:34:12 Block2 Signal Turns Red
15:34:16 Block9 Signal Turns Green
15:34:21 HS2 [Train 79 ] dep Block8 for Block9
15:34:26 Block8 Signal Turns Green
15:34:31 HS2 [Train 80 ] dep Block7 for Block8
15:34:36 Block7 Signal Turns Green
15:34:41 HS2 [Train 81] dep Block6 for Block7
15:34:46 Block6 Signal Turns Green
15:34:51 HS2 [Train 82 ] dep Block5 for Block6
15:34:56 Block5 Signal Turns Green
15:35:01 HS2 [Train 83] dep Block4 for Block5
15:35:06 Block4 Signal Turns Green
15:35:11 HS2 [Train 84 ] dep Block3 for Block4
15:35:16 Block3 Signal Turns Green
15:35:21 HS2 [Train 85] dep Block2 for Block3
15:35:26 Block2 Signal Turns Green
15:35:28 HS2 [Train 74] arr Block14
15:35:28 Block14 Signal Turns Red
15:35:31 HS2 [Train 86 ] dep Block1 for Block2
15:35:33 HS2 [Train 74] dep Block14 for London Old Oak (DEPOT)
15:35:36 Block1 Signal Turns Green
15:35:38 Block14 Signal Turns Green
15:35:41 HS2 [Train 87] dep London Old Oak for Block1
15:35:46 London Old Oak Signal Turns Green
15:35:51 HS2 [Train 88] dep London Old Oak (DEPOT) for London Old Oak
15:35:53 HS2 [Train 74] arr London Old Oak (DEPOT)
15:35:53 London Old Oak (DEPOT) Signal Turns Red
15:36:11 HS2 [Train 88] arr London Old Oak
15:36:11 London Old Oak Signal Turns Red
15:37:05 HS2 [Train 75] arr Block13
15:37:05 Block13 Signal Turns Red
15:37:10 HS2 [Train 75] dep Block13 for Block14
15:37:15 Block13 Signal Turns Green
15:38:07 HS2 [Train 76 ] arr Block12
15:38:07 Block12 Signal Turns Red
15:38:12 HS2 [Train 76 ] dep Block12 for Block13
15:38:17 Block12 Signal Turns Green
15:38:31 HS2 [Train 79] arr Block9
15:38:31 Block9 Signal Turns Red
15:38:51 HS2 [Train 80 ] arr Block8
15:38:51 Block8 Signal Turns Red
15:39:01 HS2 [Train 81] arr Block7
15:39:01 Block7 Signal Turns Red
15:39:15 HS2 [Train 83] arr Block5
15:39:15 Block5 Signal Turns Red
15:39:24 HS2 [Train 84] arr Block4
15:39:24 Block4 Signal Turns Red
15:39:25 HS2 [Train 77] arr Block11
15:39:25 Block11 Signal Turns Red
15:39:30 HS2 [Train 77 ] dep Block11 for Block12
15:39:35 Block11 Signal Turns Green
15:39:48 HS2 [Train 78 ] arr Block10
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x18203621_MSO_CA1_Code
15:39:48 Block10 Signal Turns Red
15:39:51 HS2 [Train 87] arr Block1
15:39:51 Block1 Signal Turns Red
15:39:52 HS2 [Train 85] arr Block3
15:39:52 Block3 Signal Turns Red
15:39:53 HS2 [Train 78 ] dep Block10 for Block11
15:39:53 HS2 [Train 82] arr Block6
15:39:53 Block6 Signal Turns Red
15:39:58 Block10 Signal Turns Green
15:40:03 HS2 [Train 79 ] dep Block9 for Block10
15:40:03 HS2 [Train 86 ] arr Block2
15:40:03 Block2 Signal Turns Red
15:40:08 Block9 Signal Turns Green
15:40:13 HS2 [Train 80 ] dep Block8 for Block9
15:40:18 Block8 Signal Turns Green
15:40:23 HS2 [Train 81] dep Block7 for Block8
15:40:28 Block7 Signal Turns Green
15:40:33 HS2 [Train 82 ] dep Block6 for Block7
15:40:38 Block6 Signal Turns Green
15:40:43 HS2 [Train 83 ] dep Block5 for Block6
15:40:48 Block5 Signal Turns Green
15:40:53 HS2 [Train 84 ] dep Block4 for Block5
15:40:58 Block4 Signal Turns Green
15:41:03 HS2 [Train 85] dep Block3 for Block4
15:41:08 Block3 Signal Turns Green
15:41:13 HS2 [Train 86] dep Block2 for Block3
15:41:18 Block2 Signal Turns Green
15:41:20 HS2 [Train 75] arr Block14
15:41:20 Block14 Signal Turns Red
15:41:23 HS2 [Train 87] dep Block1 for Block2
15:41:25 HS2 [Train 75] dep Block14 for London Old Oak (DEPOT)
15:41:28 Block1 Signal Turns Green
15:41:30 Block14 Signal Turns Green
15:41:33 HS2 [Train 88] dep London Old Oak for Block1
15:41:38 London Old Oak Signal Turns Green
15:41:43 HS2 [Train 89] dep London Old Oak (DEPOT) for London Old Oak
15:41:45 HS2 [Train 75] arr London Old Oak (DEPOT)
15:41:45 London Old Oak (DEPOT) Signal Turns Red
15:42:03 HS2 [Train 89] arr London Old Oak
15:42:03 London Old Oak Signal Turns Red
15:42:57 HS2 [Train 76 ] arr Block13
15:42:57 Block13 Signal Turns Red
15:43:02 HS2 [Train 76 ] dep Block13 for Block14
15:43:07 Block13 Signal Turns Green
15:43:59 HS2 [Train 77] arr Block12
15:43:59 Block12 Signal Turns Red
15:44:04 HS2 [Train 77] dep Block12 for Block13
15:44:09 Block12 Signal Turns Green
15:44:22 HS2 [Train 80 ] arr Block9
15:44:22 Block9 Signal Turns Red
15:44:42 HS2 [Train 81] arr Block8
15:44:42 Block8 Signal Turns Red
15:44:53 HS2 [Train 82] arr Block7
15:44:53 Block7 Signal Turns Red
15:45:07 HS2 [Train 84] arr Block5
15:45:07 Block5 Signal Turns Red
15:45:15 HS2 [Train 85] arr Block4
```

```
x18203621_MSO_CA1_Code
15:45:15 Block4 Signal Turns Red
15:45:16 HS2 [Train 78] arr Block11
15:45:16 Block11 Signal Turns Red
15:45:21 HS2 [Train 78 ] dep Block11 for Block12
15:45:26 Block11 Signal Turns Green
15:45:39 HS2 [Train 79] arr Block10
15:45:39 Block10 Signal Turns Red
15:45:42 HS2 [Train 88] arr Block1
15:45:42 Block1 Signal Turns Red
15:45:43 HS2 [Train 86] arr Block3
15:45:43 Block3 Signal Turns Red
15:45:44 HS2 [Train 79 ] dep Block10 for Block11
15:45:45 HS2 [Train 83] arr Block6
15:45:45 Block6 Signal Turns Red
15:45:49 Block10 Signal Turns Green
15:45:54 HS2 [Train 80 ] dep Block9 for Block10
15:45:55 HS2 [Train 87] arr Block2
15:45:55 Block2 Signal Turns Red
15:45:59 Block9 Signal Turns Green
15:46:04 HS2 [Train 81] dep Block8 for Block9
15:46:09 Block8 Signal Turns Green
15:46:14 HS2 [Train 82] dep Block7 for Block8
15:46:19 Block7 Signal Turns Green
15:46:24 HS2 [Train 83 ] dep Block6 for Block7
15:46:29 Block6 Signal Turns Green
15:46:34 HS2 [Train 84 ] dep Block5 for Block6
15:46:39 Block5 Signal Turns Green
15:46:44 HS2 [Train 85] dep Block4 for Block5
15:46:49 Block4 Signal Turns Green
15:46:54 HS2 [Train 86 ] dep Block3 for Block4
15:46:59 Block3 Signal Turns Green
15:47:04 HS2 [Train 87] dep Block2 for Block3
15:47:09 Block2 Signal Turns Green
15:47:11 HS2 [Train 76] arr Block14
15:47:11 Block14 Signal Turns Red
15:47:14 HS2 [Train 88 ] dep Block1 for Block2
15:47:16 HS2 [Train 76] dep Block14 for London Old Oak (DEPOT)
15:47:19 Block1 Signal Turns Green
15:47:21 Block14 Signal Turns Green
15:47:24 HS2 [Train 89] dep London Old Oak for Block1
15:47:29 London Old Oak Signal Turns Green
15:47:34 HS2 [Train 90 ] dep London Old Oak (DEPOT) for London Old Oak
15:47:36 HS2 [Train 76] arr London Old Oak (DEPOT)
15:47:36 London Old Oak (DEPOT) Signal Turns Red
15:47:54 HS2 [Train 90 ] arr London Old Oak
15:47:54 London Old Oak Signal Turns Red
15:48:48 HS2 [Train 77] arr Block13
15:48:48 Block13 Signal Turns Red
15:48:53 HS2 [Train 77 ] dep Block13 for Block14
15:48:58 Block13 Signal Turns Green
15:49:51 HS2 [Train 78 ] arr Block12
15:49:51 Block12 Signal Turns Red
15:49:56 HS2 [Train 78] dep Block12 for Block13
15:50:01 Block12 Signal Turns Green
15:50:14 HS2 [Train 81] arr Block9
15:50:14 Block9 Signal Turns Red
```

15:50:34 HS2 [Train 82] arr Block8

```
15:50:34 Block8 Signal Turns Red
15:50:44 HS2 [Train 83] arr Block7
15:50:44 Block7 Signal Turns Red
15:50:58 HS2 [Train 85] arr Block5
15:50:58 Block5 Signal Turns Red
15:51:07 HS2 [Train 86] arr Block4
15:51:07 Block4 Signal Turns Red
15:51:08 HS2 [Train 79 ] arr Block11
15:51:08 Block11 Signal Turns Red
15:51:13 HS2 [Train 79 ] dep Block11 for Block12
15:51:18 Block11 Signal Turns Green
15:51:31 HS2 [Train 80 ] arr Block10
15:51:31 Block10 Signal Turns Red
15:51:34 HS2 [Train 89] arr Block1
15:51:34 Block1 Signal Turns Red
15:51:35 HS2 [Train 87] arr Block3
15:51:35 Block3 Signal Turns Red
15:51:36 HS2 [Train 80 ] dep Block10 for Block11
15:51:36 HS2 [Train 84] arr Block6
15:51:36 Block6 Signal Turns Red
15:51:41 Block10 Signal Turns Green
15:51:46 HS2 [Train 81 ] dep Block9 for Block10
15:51:46 HS2 [Train 88] arr Block2
15:51:46 Block2 Signal Turns Red
15:51:51 Block9 Signal Turns Green
15:51:56 HS2 [Train 82] dep Block8 for Block9
15:52:01 Block8 Signal Turns Green
15:52:06 HS2 [Train 83 ] dep Block7 for Block8
15:52:11 Block7 Signal Turns Green
15:52:16 HS2 [Train 84] dep Block6 for Block7
15:52:21 Block6 Signal Turns Green
15:52:26 HS2 [Train 85 ] dep Block5 for Block6
15:52:31 Block5 Signal Turns Green
15:52:36 HS2 [Train 86 ] dep Block4 for Block5
15:52:41 Block4 Signal Turns Green
15:52:46 HS2 [Train 87] dep Block3 for Block4
15:52:51 Block3 Signal Turns Green
15:52:56 HS2 [Train 88] dep Block2 for Block3
15:53:01 Block2 Signal Turns Green
15:53:03 HS2 [Train 77] arr Block14
15:53:03 Block14 Signal Turns Red
15:53:06 HS2 [Train 89 ] dep Block1 for Block2
15:53:08 HS2 [Train 77 ] dep Block14 for London Old Oak (DEPOT)
15:53:11 Block1 Signal Turns Green
15:53:13 Block14 Signal Turns Green
15:53:16 HS2 [Train 90 ] dep London Old Oak for Block1
15:53:21 London Old Oak Signal Turns Green
15:53:26 HS2 [Train 91] dep London Old Oak (DEPOT) for London Old Oak
15:53:28 HS2 [Train 77] arr London Old Oak (DEPOT)
15:53:28 London Old Oak (DEPOT) Signal Turns Red
15:53:46 HS2 [Train 91] arr London Old Oak
15:53:46 London Old Oak Signal Turns Red
15:54:40 HS2 [Train 78] arr Block13
15:54:40 Block13 Signal Turns Red
15:54:45 HS2 [Train 78 ] dep Block13 for Block14
15:54:50 Block13 Signal Turns Green
15:55:42 HS2 [Train 79 ] arr Block12
```

```
x18203621_MSO_CA1_Code
15:55:42 Block12 Signal Turns Red
15:55:47 HS2 [Train 79 ] dep Block12 for Block13
15:55:52 Block12 Signal Turns Green
15:56:05 HS2 [Train 82] arr Block9
15:56:05 Block9 Signal Turns Red
15:56:25 HS2 [Train 83] arr Block8
15:56:25 Block8 Signal Turns Red
15:56:36 HS2 [Train 84] arr Block7
15:56:36 Block7 Signal Turns Red
15:56:50 HS2 [Train 86] arr Block5
15:56:50 Block5 Signal Turns Red
15:56:58 HS2 [Train 87] arr Block4
15:56:58 Block4 Signal Turns Red
15:56:59 HS2 [Train 80 ] arr Block11
15:56:59 Block11 Signal Turns Red
15:57:04 HS2 [Train 80 ] dep Block11 for Block12
15:57:09 Block11 Signal Turns Green
15:57:23 HS2 [Train 81] arr Block10
15:57:23 Block10 Signal Turns Red
15:57:25 HS2 [Train 90 ] arr Block1
15:57:25 Block1 Signal Turns Red
15:57:26 HS2 [Train 88] arr Block3
15:57:26 Block3 Signal Turns Red
15:57:28 HS2 [Train 81] dep Block10 for Block11
15:57:28 HS2 [Train 85] arr Block6
15:57:28 Block6 Signal Turns Red
15:57:33 Block10 Signal Turns Green
15:57:38 HS2 [Train 82 ] dep Block9 for Block10
15:57:38 HS2 [Train 89 ] arr Block2
15:57:38 Block2 Signal Turns Red
15:57:43 Block9 Signal Turns Green
15:57:48 HS2 [Train 83] dep Block8 for Block9
15:57:53 Block8 Signal Turns Green
15:57:58 HS2 [Train 84] dep Block7 for Block8
15:58:03 Block7 Signal Turns Green
15:58:08 HS2 [Train 85 ] dep Block6 for Block7
15:58:13 Block6 Signal Turns Green
15:58:18 HS2 [Train 86 ] dep Block5 for Block6
15:58:23 Block5 Signal Turns Green
15:58:28 HS2 [Train 87] dep Block4 for Block5
15:58:33 Block4 Signal Turns Green
15:58:38 HS2 [Train 88 ] dep Block3 for Block4
15:58:43 Block3 Signal Turns Green
15:58:48 HS2 [Train 89 ] dep Block2 for Block3
15:58:53 Block2 Signal Turns Green
15:58:54 HS2 [Train 78] arr Block14
15:58:54 Block14 Signal Turns Red
15:58:58 HS2 [Train 90 ] dep Block1 for Block2
15:58:59 HS2 [Train 78 ] dep Block14 for London Old Oak (DEPOT)
15:59:03 Block1 Signal Turns Green
```

localhost:8888/nbconvert/html/MSO/Project/Final Project/x18203621 MSO CA1 Code.ipynb?download=false

15:59:04 Block14 Signal Turns Green

15:59:13 London Old Oak Signal Turns Green

15:59:38 HS2 [Train 92] arr London Old Oak

15:59:08 HS2 [Train 91] dep London Old Oak for Block1

15:59:19 HS2 [Train 78] arr London Old Oak (DEPOT) 15:59:19 London Old Oak (DEPOT) Signal Turns Red

15:59:18 HS2 [Train 92] dep London Old Oak (DEPOT) for London Old Oak

```
x18203621_MSO_CA1_Code
15:59:38 London Old Oak Signal Turns Red
16:00:31 HS2 [Train 79] arr Block13
16:00:31 Block13 Signal Turns Red
16:00:36 HS2 [Train 79 ] dep Block13 for Block14
16:00:41 Block13 Signal Turns Green
16:01:34 HS2 [Train 80] arr Block12
16:01:34 Block12 Signal Turns Red
16:01:39 HS2 [Train 80 ] dep Block12 for Block13
16:01:44 Block12 Signal Turns Green
16:01:57 HS2 [Train 83 ] arr Block9
16:01:57 Block9 Signal Turns Red
16:02:17 HS2 [Train 84] arr Block8
16:02:17 Block8 Signal Turns Red
16:02:28 HS2 [Train 85] arr Block7
16:02:28 Block7 Signal Turns Red
16:02:41 HS2 [Train 87] arr Block5
16:02:41 Block5 Signal Turns Red
16:02:50 HS2 [Train 88] arr Block4
16:02:50 Block4 Signal Turns Red
16:02:51 HS2 [Train 81] arr Block11
16:02:51 Block11 Signal Turns Red
16:02:56 HS2 [Train 81] dep Block11 for Block12
16:03:01 Block11 Signal Turns Green
16:03:14 HS2 [Train 82] arr Block10
16:03:14 Block10 Signal Turns Red
16:03:17 HS2 [Train 91] arr Block1
16:03:17 Block1 Signal Turns Red
16:03:18 HS2 [Train 89] arr Block3
16:03:18 Block3 Signal Turns Red
16:03:19 HS2 [Train 82 ] dep Block10 for Block11
16:03:19 HS2 [Train 86] arr Block6
16:03:19 Block6 Signal Turns Red
16:03:24 Block10 Signal Turns Green
16:03:29 HS2 [Train 83] dep Block9 for Block10
16:03:29 HS2 [Train 90 ] arr Block2
16:03:29 Block2 Signal Turns Red
16:03:34 Block9 Signal Turns Green
16:03:39 HS2 [Train 84] dep Block8 for Block9
16:03:44 Block8 Signal Turns Green
16:03:49 HS2 [Train 85 ] dep Block7 for Block8
16:03:54 Block7 Signal Turns Green
16:03:59 HS2 [Train 86 ] dep Block6 for Block7
16:04:04 Block6 Signal Turns Green
16:04:09 HS2 [Train 87] dep Block5 for Block6
16:04:14 Block Signal Turns Green
16:04:19 HS2 [Train 88 ] dep Block4 for Block5
16:04:24 Block4 Signal Turns Green
16:04:29 HS2 [Train 89 ] dep Block3 for Block4
16:04:34 Block3 Signal Turns Green
16:04:39 HS2 [Train 90 ] dep Block2 for Block3
16:04:44 Block2 Signal Turns Green
16:04:46 HS2 [Train 79] arr Block14
16:04:46 Block14 Signal Turns Red
16:04:49 HS2 [Train 91] dep Block1 for Block2
16:04:51 HS2 [Train 79] dep Block14 for London Old Oak (DEPOT)
16:04:54 Block1 Signal Turns Green
```

16:04:56 Block14 Signal Turns Green

x18203621 MSO CA1 Code 16:04:59 HS2 [Train 92] dep London Old Oak for Block1 16:05:04 London Old Oak Signal Turns Green 16:05:09 HS2 [Train 93] dep London Old Oak (DEPOT) for London Old Oak 16:05:11 HS2 [Train 79] arr London Old Oak (DEPOT) 16:05:11 London Old Oak (DEPOT) Signal Turns Red 16:05:29 HS2 [Train 93] arr London Old Oak 16:05:29 London Old Oak Signal Turns Red 16:06:23 HS2 [Train 80] arr Block13 16:06:23 Block13 Signal Turns Red 16:06:28 HS2 [Train 80] dep Block13 for Block14 16:06:33 Block13 Signal Turns Green 16:07:25 HS2 [Train 81] arr Block12 16:07:25 Block12 Signal Turns Red 16:07:30 HS2 [Train 81] dep Block12 for Block13 16:07:35 Block12 Signal Turns Green 16:07:49 HS2 [Train 84] arr Block9 16:07:49 Block9 Signal Turns Red 16:08:08 HS2 [Train 85] arr Block8 16:08:08 Block8 Signal Turns Red 16:08:19 HS2 [Train 86] arr Block7 16:08:19 Block7 Signal Turns Red 16:08:33 HS2 [Train 88] arr Block5 16:08:33 Block5 Signal Turns Red 16:08:42 HS2 [Train 89] arr Block4 16:08:42 Block4 Signal Turns Red 16:08:43 HS2 [Train 82] arr Block11 16:08:43 Block11 Signal Turns Red 16:08:48 HS2 [Train 82] dep Block11 for Block12 16:08:53 Block11 Signal Turns Green 16:09:06 HS2 [Train 83] arr Block10 16:09:06 Block10 Signal Turns Red 16:09:09 HS2 [Train 92] arr Block1 16:09:09 Block1 Signal Turns Red 16:09:09 HS2 [Train 90] arr Block3 16:09:09 Block3 Signal Turns Red 16:09:11 HS2 [Train 83] dep Block10 for Block11 16:09:11 HS2 [Train 87] arr Block6 16:09:11 Block6 Signal Turns Red 16:09:16 Block10 Signal Turns Green 16:09:21 HS2 [Train 84] dep Block9 for Block10 16:09:21 HS2 [Train 91] arr Block2 16:09:21 Block2 Signal Turns Red 16:09:26 Block9 Signal Turns Green 16:09:31 HS2 [Train 85] dep Block8 for Block9 16:09:36 Block8 Signal Turns Green 16:09:41 HS2 [Train 86] dep Block7 for Block8 16:09:46 Block7 Signal Turns Green 16:09:51 HS2 [Train 87] dep Block6 for Block7 16:09:56 Block6 Signal Turns Green 16:10:01 HS2 [Train 88] dep Block5 for Block6 16:10:06 Block5 Signal Turns Green 16:10:11 HS2 [Train 89] dep Block4 for Block5 16:10:16 Block4 Signal Turns Green 16:10:21 HS2 [Train 90] dep Block3 for Block4 16:10:26 Block3 Signal Turns Green 16:10:31 HS2 [Train 91] dep Block2 for Block3

16:10:36 Block2 Signal Turns Green

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x18203621_MSO_CA1_Code
16:10:37 HS2 [Train 80 ] arr Block14
16:10:37 Block14 Signal Turns Red
16:10:41 HS2 [Train 92 ] dep Block1 for Block2
16:10:42 HS2 [Train 80 ] dep Block14 for London Old Oak (DEPOT)
16:10:46 Block1 Signal Turns Green
16:10:47 Block14 Signal Turns Green
16:10:51 HS2 [Train 93] dep London Old Oak for Block1
16:10:56 London Old Oak Signal Turns Green
16:11:01 HS2 [Train 94] dep London Old Oak (DEPOT) for London Old Oak
16:11:02 HS2 [Train 80 ] arr London Old Oak (DEPOT)
16:11:02 London Old Oak (DEPOT) Signal Turns Red
16:11:21 HS2 [Train 94] arr London Old Oak
16:11:21 London Old Oak Signal Turns Red
16:12:15 HS2 [Train 81] arr Block13
16:12:15 Block13 Signal Turns Red
16:12:20 HS2 [Train 81] dep Block13 for Block14
16:12:25 Block13 Signal Turns Green
16:13:17 HS2 [Train 82 ] arr Block12
16:13:17 Block12 Signal Turns Red
16:13:22 HS2 [Train 82] dep Block12 for Block13
16:13:27 Block12 Signal Turns Green
16:13:40 HS2 [Train 85] arr Block9
16:13:40 Block9 Signal Turns Red
16:14:00 HS2 [Train 86] arr Block8
16:14:00 Block8 Signal Turns Red
16:14:11 HS2 [Train 87] arr Block7
16:14:11 Block7 Signal Turns Red
16:14:25 HS2 [Train 89] arr Block5
16:14:25 Block5 Signal Turns Red
16:14:33 HS2 [Train 90 ] arr Block4
16:14:33 Block4 Signal Turns Red
16:14:34 HS2 [Train 83] arr Block11
16:14:34 Block11 Signal Turns Red
16:14:39 HS2 [Train 83] dep Block11 for Block12
16:14:44 Block11 Signal Turns Green
16:14:57 HS2 [Train 84] arr Block10
16:14:57 Block10 Signal Turns Red
16:15:00 HS2 [Train 93 ] arr Block1
16:15:00 Block1 Signal Turns Red
16:15:01 HS2 [Train 91] arr Block3
16:15:01 Block3 Signal Turns Red
16:15:02 HS2 [Train 84 ] dep Block10 for Block11
16:15:02 HS2 [Train 88 ] arr Block6
16:15:02 Block6 Signal Turns Red
16:15:07 Block10 Signal Turns Green
16:15:12 HS2 [Train 85 ] dep Block9 for Block10
16:15:13 HS2 [Train 92 ] arr Block2
16:15:13 Block2 Signal Turns Red
16:15:17 Block9 Signal Turns Green
16:15:22 HS2 [Train 86] dep Block8 for Block9
16:15:27 Block8 Signal Turns Green
16:15:32 HS2 [Train 87] dep Block7 for Block8
16:15:37 Block7 Signal Turns Green
16:15:42 HS2 [Train 88 ] dep Block6 for Block7
16:15:47 Block6 Signal Turns Green
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16:15:57 Block5 Signal Turns Green

16:15:52 HS2 [Train 89] dep Block5 for Block6

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x18203621 MSO CA1 Code
16:16:02 HS2 [Train 90 ] dep Block4 for Block5
16:16:07 Block4 Signal Turns Green
16:16:12 HS2 [Train 91] dep Block3 for Block4
16:16:17 Block3 Signal Turns Green
16:16:22 HS2 [Train 92 ] dep Block2 for Block3
16:16:27 Block2 Signal Turns Green
16:16:29 HS2 [Train 81] arr Block14
16:16:29 Block14 Signal Turns Red
16:16:32 HS2 [Train 93 ] dep Block1 for Block2
16:16:34 HS2 [Train 81] dep Block14 for London Old Oak (DEPOT)
16:16:37 Block1 Signal Turns Green
16:16:39 Block14 Signal Turns Green
16:16:42 HS2 [Train 94] dep London Old Oak for Block1
16:16:47 London Old Oak Signal Turns Green
16:16:52 HS2 [Train 95] dep London Old Oak (DEPOT) for London Old Oak
16:16:54 HS2 [Train 81] arr London Old Oak (DEPOT)
16:16:54 London Old Oak (DEPOT) Signal Turns Red
16:17:12 HS2 [Train 95 ] arr London Old Oak
16:17:12 London Old Oak Signal Turns Red
16:18:06 HS2 [Train 82] arr Block13
16:18:06 Block13 Signal Turns Red
16:18:11 HS2 [Train 82 ] dep Block13 for Block14
16:18:16 Block13 Signal Turns Green
16:19:08 HS2 [Train 83] arr Block12
16:19:08 Block12 Signal Turns Red
16:19:13 HS2 [Train 83 ] dep Block12 for Block13
16:19:18 Block12 Signal Turns Green
16:19:32 HS2 [Train 86] arr Block9
16:19:32 Block9 Signal Turns Red
16:19:52 HS2 [Train 87] arr Block8
16:19:52 Block8 Signal Turns Red
16:20:02 HS2 [Train 88] arr Block7
16:20:02 Block7 Signal Turns Red
16:20:16 HS2 [Train 90 ] arr Block5
16:20:16 Block5 Signal Turns Red
16:20:25 HS2 [Train 91] arr Block4
16:20:25 Block4 Signal Turns Red
16:20:26 HS2 [Train 84] arr Block11
16:20:26 Block11 Signal Turns Red
16:20:31 HS2 [Train 84 ] dep Block11 for Block12
16:20:36 Block11 Signal Turns Green
16:20:49 HS2 [Train 85] arr Block10
16:20:49 Block10 Signal Turns Red
16:20:52 HS2 [Train 94] arr Block1
16:20:52 Block1 Signal Turns Red
16:20:53 HS2 [Train 92 ] arr Block3
16:20:53 Block3 Signal Turns Red
16:20:54 HS2 [Train 85] dep Block10 for Block11
16:20:54 HS2 [Train 89] arr Block6
16:20:54 Block6 Signal Turns Red
16:20:59 Block10 Signal Turns Green
16:21:04 HS2 [Train 86 ] dep Block9 for Block10
16:21:04 HS2 [Train 93] arr Block2
16:21:04 Block2 Signal Turns Red
16:21:09 Block9 Signal Turns Green
16:21:14 HS2 [Train 87] dep Block8 for Block9
16:21:19 Block8 Signal Turns Green
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x18203621 MSO CA1 Code
16:21:24 HS2 [Train 88] dep Block7 for Block8
16:21:29 Block7 Signal Turns Green
16:21:34 HS2 [Train 89 ] dep Block6 for Block7
16:21:39 Block6 Signal Turns Green
16:21:44 HS2 [Train 90 ] dep Block5 for Block6
16:21:49 Block5 Signal Turns Green
16:21:54 HS2 [Train 91] dep Block4 for Block5
16:21:59 Block4 Signal Turns Green
16:22:04 HS2 [Train 92] dep Block3 for Block4
16:22:09 Block3 Signal Turns Green
16:22:14 HS2 [Train 93] dep Block2 for Block3
16:22:19 Block2 Signal Turns Green
16:22:21 HS2 [Train 82] arr Block14
16:22:21 Block14 Signal Turns Red
16:22:24 HS2 [Train 94 ] dep Block1 for Block2
16:22:26 HS2 [Train 82] dep Block14 for London Old Oak (DEPOT)
16:22:29 Block1 Signal Turns Green
16:22:31 Block14 Signal Turns Green
16:22:34 HS2 [Train 95] dep London Old Oak for Block1
16:22:39 London Old Oak Signal Turns Green
16:22:44 HS2 [Train 96 ] dep London Old Oak (DEPOT) for London Old Oak
16:22:46 HS2 [Train 82] arr London Old Oak (DEPOT)
16:22:46 London Old Oak (DEPOT) Signal Turns Red
16:23:04 HS2 [Train 96] arr London Old Oak
16:23:04 London Old Oak Signal Turns Red
16:23:58 HS2 [Train 83] arr Block13
16:23:58 Block13 Signal Turns Red
16:24:03 HS2 [Train 83 ] dep Block13 for Block14
16:24:08 Block13 Signal Turns Green
16:25:00 HS2 [Train 84] arr Block12
16:25:00 Block12 Signal Turns Red
16:25:05 HS2 [Train 84 ] dep Block12 for Block13
16:25:10 Block12 Signal Turns Green
16:25:23 HS2 [Train 87] arr Block9
16:25:23 Blocko Signal Turns Red
16:25:43 HS2 [Train 88 ] arr Block8
16:25:43 Block8 Signal Turns Red
16:25:54 HS2 [Train 89] arr Block7
16:25:54 Block7 Signal Turns Red
16:26:08 HS2 [Train 91] arr Block5
16:26:08 Block5 Signal Turns Red
16:26:16 HS2 [Train 92] arr Block4
16:26:16 Block4 Signal Turns Red
16:26:17 HS2 [Train 85] arr Block11
16:26:17 Block11 Signal Turns Red
16:26:22 HS2 [Train 85] dep Block11 for Block12
16:26:27 Block11 Signal Turns Green
16:26:41 HS2 [Train 86] arr Block10
16:26:41 Block10 Signal Turns Red
16:26:43 HS2 [Train 95] arr Block1
16:26:43 Block1 Signal Turns Red
16:26:44 HS2 [Train 93 ] arr Block3
16:26:44 Block3 Signal Turns Red
16:26:46 HS2 [Train 86] dep Block10 for Block11
16:26:46 HS2 [Train 90 ] arr Block6
16:26:46 Block6 Signal Turns Red
16:26:51 Block10 Signal Turns Green
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x18203621 MSO CA1 Code
16:26:56 HS2 [Train 87] dep Block9 for Block10
16:26:56 HS2 [Train 94] arr Block2
16:26:56 Block2 Signal Turns Red
16:27:01 Blocko Signal Turns Green
16:27:06 HS2 [Train 88 ] dep Block8 for Block9
16:27:11 Block8 Signal Turns Green
16:27:16 HS2 [Train 89] dep Block7 for Block8
16:27:21 Block7 Signal Turns Green
16:27:26 HS2 [Train 90 ] dep Block6 for Block7
16:27:31 Block6 Signal Turns Green
16:27:36 HS2 [Train 91 ] dep Block5 for Block6
16:27:41 Block5 Signal Turns Green
16:27:46 HS2 [Train 92 ] dep Block4 for Block5
16:27:51 Block4 Signal Turns Green
16:27:56 HS2 [Train 93 ] dep Block3 for Block4
16:28:01 Block3 Signal Turns Green
16:28:06 HS2 [Train 94 ] dep Block2 for Block3
16:28:11 Block2 Signal Turns Green
16:28:12 HS2 [Train 83] arr Block14
16:28:12 Block14 Signal Turns Red
16:28:16 HS2 [Train 95 ] dep Block1 for Block2
16:28:17 HS2 [Train 83] dep Block14 for London Old Oak (DEPOT)
16:28:21 Block1 Signal Turns Green
16:28:22 Block14 Signal Turns Green
16:28:26 HS2 [Train 96] dep London Old Oak for Block1
16:28:31 London Old Oak Signal Turns Green
16:28:36 HS2 [Train 97] dep London Old Oak (DEPOT) for London Old Oak
16:28:37 HS2 [Train 83] arr London Old Oak (DEPOT)
16:28:37 London Old Oak (DEPOT) Signal Turns Red
16:28:56 HS2 [Train 97] arr London Old Oak
16:28:56 London Old Oak Signal Turns Red
16:29:49 HS2 [Train 84] arr Block13
16:29:49 Block13 Signal Turns Red
16:29:54 HS2 [Train 84] dep Block13 for Block14
16:29:59 Block13 Signal Turns Green
16:30:52 HS2 [Train 85] arr Block12
16:30:52 Block12 Signal Turns Red
16:30:57 HS2 [Train 85] dep Block12 for Block13
16:31:02 Block12 Signal Turns Green
16:31:15 HS2 [Train 88] arr Block9
16:31:15 Block9 Signal Turns Red
16:31:35 HS2 [Train 89 ] arr Block8
16:31:35 Block8 Signal Turns Red
16:31:45 HS2 [Train 90 ] arr Block7
16:31:45 Block7 Signal Turns Red
16:31:59 HS2 [Train 92 ] arr Block5
16:31:59 Block5 Signal Turns Red
16:32:08 HS2 [Train 93] arr Block4
16:32:08 Block4 Signal Turns Red
16:32:09 HS2 [Train 86] arr Block11
16:32:09 Block11 Signal Turns Red
16:32:14 HS2 [Train 86 ] dep Block11 for Block12
16:32:19 Block11 Signal Turns Green
16:32:32 HS2 [Train 87] arr Block10
16:32:32 Block10 Signal Turns Red
16:32:35 HS2 [Train 96] arr Block1
16:32:35 Block1 Signal Turns Red
```

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16:32:36 HS2 [Train 94] arr Block3
16:32:36 Block3 Signal Turns Red
16:32:37 HS2 [Train 87] dep Block10 for Block11
16:32:37 HS2 [Train 91] arr Block6
16:32:37 Block6 Signal Turns Red
16:32:42 Block10 Signal Turns Green
16:32:47 HS2 [Train 88 ] dep Block9 for Block10
16:32:47 HS2 [Train 95] arr Block2
16:32:47 Block2 Signal Turns Red
16:32:52 Blocko Signal Turns Green
16:32:57 HS2 [Train 89] dep Block8 for Block9
16:33:02 Block8 Signal Turns Green
16:33:07 HS2 [Train 90] dep Block7 for Block8
16:33:12 Block7 Signal Turns Green
16:33:17 HS2 [Train 91] dep Block6 for Block7
16:33:22 Block6 Signal Turns Green
16:33:27 HS2 [Train 92 ] dep Block5 for Block6
16:33:32 Block5 Signal Turns Green
16:33:37 HS2 [Train 93 ] dep Block4 for Block5
16:33:42 Block4 Signal Turns Green
16:33:47 HS2 [Train 94 ] dep Block3 for Block4
16:33:52 Block3 Signal Turns Green
16:33:57 HS2 [Train 95] dep Block2 for Block3
16:34:02 Block2 Signal Turns Green
16:34:04 HS2 [Train 84] arr Block14
16:34:04 Block14 Signal Turns Red
16:34:07 HS2 [Train 96 ] dep Block1 for Block2
16:34:09 HS2 [Train 84] dep Block14 for London Old Oak (DEPOT)
16:34:12 Block1 Signal Turns Green
16:34:14 Block14 Signal Turns Green
16:34:17 HS2 [Train 97] dep London Old Oak for Block1
16:34:22 London Old Oak Signal Turns Green
16:34:27 HS2 [Train 98] dep London Old Oak (DEPOT) for London Old Oak
16:34:29 HS2 [Train 84] arr London Old Oak (DEPOT)
16:34:29 London Old Oak (DEPOT) Signal Turns Red
16:34:47 HS2 [Train 98] arr London Old Oak
16:34:47 London Old Oak Signal Turns Red
16:35:41 HS2 [Train 85] arr Block13
16:35:41 Block13 Signal Turns Red
16:35:46 HS2 [Train 85] dep Block13 for Block14
16:35:51 Block13 Signal Turns Green
16:36:43 HS2 [Train 86] arr Block12
16:36:43 Block12 Signal Turns Red
16:36:48 HS2 [Train 86 ] dep Block12 for Block13
16:36:53 Block12 Signal Turns Green
16:37:06 HS2 [Train 89] arr Block9
16:37:06 Block9 Signal Turns Red
16:37:26 HS2 [Train 90 ] arr Block8
16:37:26 Block8 Signal Turns Red
16:37:37 HS2 [Train 91] arr Block7
16:37:37 Block7 Signal Turns Red
16:37:51 HS2 [Train 93 ] arr Block5
16:37:51 Block5 Signal Turns Red
16:37:59 HS2 [Train 94] arr Block4
16:37:59 Block4 Signal Turns Red
16:38:00 HS2 [Train 87] arr Block11
16:38:00 Block11 Signal Turns Red
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16:38:05 HS2 [Train 87] dep Block11 for Block12
16:38:10 Block11 Signal Turns Green
16:38:24 HS2 [Train 88] arr Block10
16:38:24 Block10 Signal Turns Red
16:38:27 HS2 [Train 97] arr Block1
16:38:27 Block1 Signal Turns Red
16:38:27 HS2 [Train 95] arr Block3
16:38:27 Block3 Signal Turns Red
16:38:29 HS2 [Train 88 ] dep Block10 for Block11
16:38:29 HS2 [Train 92 ] arr Block6
16:38:29 Block6 Signal Turns Red
16:38:34 Block10 Signal Turns Green
16:38:39 HS2 [Train 89] dep Block9 for Block10
16:38:39 HS2 [Train 96 ] arr Block2
16:38:39 Block2 Signal Turns Red
16:38:44 Block9 Signal Turns Green
16:38:49 HS2 [Train 90] dep Block8 for Block9
16:38:54 Block8 Signal Turns Green
16:38:59 HS2 [Train 91] dep Block7 for Block8
16:39:04 Block7 Signal Turns Green
16:39:09 HS2 [Train 92 ] dep Block6 for Block7
16:39:14 Block6 Signal Turns Green
16:39:19 HS2 [Train 93 ] dep Block5 for Block6
16:39:24 Block5 Signal Turns Green
16:39:29 HS2 [Train 94] dep Block4 for Block5
16:39:34 Block4 Signal Turns Green
16:39:39 HS2 [Train 95 ] dep Block3 for Block4
16:39:44 Block3 Signal Turns Green
16:39:49 HS2 [Train 96 ] dep Block2 for Block3
16:39:54 Block2 Signal Turns Green
16:39:55 HS2 [Train 85] arr Block14
16:39:55 Block14 Signal Turns Red
16:39:59 HS2 [Train 97] dep Block1 for Block2
16:40:00 HS2 [Train 85] dep Block14 for London Old Oak (DEPOT)
16:40:04 Block1 Signal Turns Green
16:40:05 Block14 Signal Turns Green
16:40:09 HS2 [Train 98] dep London Old Oak for Block1
16:40:14 London Old Oak Signal Turns Green
16:40:19 HS2 [Train 99] dep London Old Oak (DEPOT) for London Old Oak
16:40:20 HS2 [Train 85] arr London Old Oak (DEPOT)
16:40:20 London Old Oak (DEPOT) Signal Turns Red
16:40:39 HS2 [Train 99 ] arr London Old Oak
16:40:39 London Old Oak Signal Turns Red
16:41:33 HS2 [Train 86] arr Block13
16:41:33 Block13 Signal Turns Red
16:41:38 HS2 [Train 86 ] dep Block13 for Block14
16:41:43 Block13 Signal Turns Green
16:42:35 HS2 [Train 87] arr Block12
16:42:35 Block12 Signal Turns Red
16:42:40 HS2 [Train 87] dep Block12 for Block13
16:42:45 Block12 Signal Turns Green
16:42:58 HS2 [Train 90 ] arr Block9
16:42:58 Block9 Signal Turns Red
16:43:18 HS2 [Train 91] arr Block8
16:43:18 Block8 Signal Turns Red
16:43:29 HS2 [Train 92] arr Block7
16:43:29 Block7 Signal Turns Red
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x18203621_MSO_CA1_Code
16:43:42 HS2 [Train 94] arr Block5
16:43:42 Block5 Signal Turns Red
16:43:51 HS2 [Train 95] arr Block4
16:43:51 Block4 Signal Turns Red
16:43:52 HS2 [Train 88] arr Block11
16:43:52 Block11 Signal Turns Red
16:43:57 HS2 [Train 88] dep Block11 for Block12
16:44:02 Block11 Signal Turns Green
16:44:15 HS2 [Train 89] arr Block10
16:44:15 Block10 Signal Turns Red
16:44:18 HS2 [Train 98] arr Block1
16:44:18 Block1 Signal Turns Red
16:44:19 HS2 [Train 96 ] arr Block3
16:44:19 Block3 Signal Turns Red
16:44:20 HS2 [Train 89 ] dep Block10 for Block11
16:44:20 HS2 [Train 93] arr Block6
16:44:20 Block6 Signal Turns Red
16:44:25 Block10 Signal Turns Green
16:44:30 HS2 [Train 90 ] dep Block9 for Block10
16:44:30 HS2 [Train 97] arr Block2
16:44:30 Block2 Signal Turns Red
16:44:35 Block9 Signal Turns Green
16:44:40 HS2 [Train 91] dep Block8 for Block9
16:44:45 Block8 Signal Turns Green
16:44:50 HS2 [Train 92] dep Block7 for Block8
16:44:55 Block7 Signal Turns Green
16:45:00 HS2 [Train 93 ] dep Block6 for Block7
16:45:05 Block6 Signal Turns Green
16:45:10 HS2 [Train 94] dep Block5 for Block6
16:45:15 Block5 Signal Turns Green
16:45:20 HS2 [Train 95] dep Block4 for Block5
16:45:25 Block4 Signal Turns Green
16:45:30 HS2 [Train 96 ] dep Block3 for Block4
16:45:35 Block3 Signal Turns Green
16:45:40 HS2 [Train 97] dep Block2 for Block3
16:45:45 Block2 Signal Turns Green
16:45:47 HS2 [Train 86] arr Block14
16:45:47 Block14 Signal Turns Red
16:45:50 HS2 [Train 98 ] dep Block1 for Block2
16:45:52 HS2 [Train 86] dep Block14 for London Old Oak (DEPOT)
16:45:55 Block1 Signal Turns Green
16:45:57 Block14 Signal Turns Green
16:46:00 HS2 [Train 99 ] dep London Old Oak for Block1
16:46:05 London Old Oak Signal Turns Green
16:46:10 HS2 [Train 100 ] dep London Old Oak (DEPOT) for London Old Oak
16:46:12 HS2 [Train 86] arr London Old Oak (DEPOT)
16:46:12 London Old Oak (DEPOT) Signal Turns Red
16:46:30 HS2 [Train 100 ] arr London Old Oak
16:46:30 London Old Oak Signal Turns Red
16:47:24 HS2 [Train 87] arr Block13
16:47:24 Block13 Signal Turns Red
16:47:29 HS2 [Train 87] dep Block13 for Block14
16:47:34 Block13 Signal Turns Green
16:48:26 HS2 [Train 88] arr Block12
16:48:26 Block12 Signal Turns Red
16:48:31 HS2 [Train 88 ] dep Block12 for Block13
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16:48:36 Block12 Signal Turns Green

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16:48:50 HS2 [Train 91] arr Block9
16:48:50 Block9 Signal Turns Red
16:49:10 HS2 [Train 92 ] arr Block8
16:49:10 Block8 Signal Turns Red
16:49:20 HS2 [Train 93 ] arr Block7
16:49:20 Block7 Signal Turns Red
16:49:34 HS2 [Train 95] arr Block5
16:49:34 Block5 Signal Turns Red
16:49:43 HS2 [Train 96 ] arr Block4
16:49:43 Block4 Signal Turns Red
16:49:44 HS2 [Train 89] arr Block11
16:49:44 Block11 Signal Turns Red
16:49:49 HS2 [Train 89 ] dep Block11 for Block12
16:49:54 Block11 Signal Turns Green
16:50:07 HS2 [Train 90 ] arr Block10
16:50:07 Block10 Signal Turns Red
16:50:10 HS2 [Train 99 ] arr Block1
16:50:10 Block1 Signal Turns Red
16:50:10 HS2 [Train 97] arr Block3
16:50:10 Block3 Signal Turns Red
16:50:12 HS2 [Train 90 ] dep Block10 for Block11
16:50:12 HS2 [Train 94] arr Block6
16:50:12 Block6 Signal Turns Red
16:50:17 Block10 Signal Turns Green
16:50:22 HS2 [Train 91] dep Block9 for Block10
16:50:22 HS2 [Train 98] arr Block2
16:50:22 Block2 Signal Turns Red
16:50:27 Block9 Signal Turns Green
16:50:32 HS2 [Train 92] dep Block8 for Block9
16:50:37 Block8 Signal Turns Green
16:50:42 HS2 [Train 93 ] dep Block7 for Block8
16:50:47 Block7 Signal Turns Green
16:50:52 HS2 [Train 94] dep Block6 for Block7
16:50:57 Block6 Signal Turns Green
16:51:02 HS2 [Train 95] dep Block5 for Block6
16:51:07 Block5 Signal Turns Green
16:51:12 HS2 [Train 96 ] dep Block4 for Block5
16:51:17 Block4 Signal Turns Green
16:51:22 HS2 [Train 97] dep Block3 for Block4
16:51:27 Block3 Signal Turns Green
16:51:32 HS2 [Train 98 ] dep Block2 for Block3
16:51:37 Block2 Signal Turns Green
16:51:39 HS2 [Train 87] arr Block14
16:51:39 Block14 Signal Turns Red
16:51:42 HS2 [Train 99 ] dep Block1 for Block2
16:51:44 HS2 [Train 87] dep Block14 for London Old Oak (DEPOT)
16:51:47 Block1 Signal Turns Green
16:51:49 Block14 Signal Turns Green
16:51:52 HS2 [Train 100 ] dep London Old Oak for Block1
16:51:57 London Old Oak Signal Turns Green
16:52:02 HS2 [Train 101] dep London Old Oak (DEPOT) for London Old Oak
16:52:04 HS2 [Train 87] arr London Old Oak (DEPOT)
16:52:04 London Old Oak (DEPOT) Signal Turns Red
16:52:22 HS2 [Train 101] arr London Old Oak
16:52:22 London Old Oak Signal Turns Red
16:53:16 HS2 [Train 88] arr Block13
16:53:16 Block13 Signal Turns Red
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x18203621 MSO CA1 Code
16:53:21 HS2 [Train 88] dep Block13 for Block14
16:53:26 Block13 Signal Turns Green
16:54:18 HS2 [Train 89] arr Block12
16:54:18 Block12 Signal Turns Red
16:54:23 HS2 [Train 89 ] dep Block12 for Block13
16:54:28 Block12 Signal Turns Green
16:54:41 HS2 [Train 92 ] arr Block9
16:54:41 Block9 Signal Turns Red
16:55:01 HS2 [Train 93 ] arr Block8
16:55:01 Block8 Signal Turns Red
16:55:12 HS2 [Train 94 ] arr Block7
16:55:12 Block7 Signal Turns Red
16:55:26 HS2 [Train 96 ] arr Block5
16:55:26 Block5 Signal Turns Red
16:55:34 HS2 [Train 97] arr Block4
16:55:34 Block4 Signal Turns Red
16:55:35 HS2 [Train 90 ] arr Block11
16:55:35 Block11 Signal Turns Red
16:55:40 HS2 [Train 90 ] dep Block11 for Block12
16:55:45 Block11 Signal Turns Green
16:55:58 HS2 [Train 91] arr Block10
16:55:58 Block10 Signal Turns Red
16:56:01 HS2 [Train 100 ] arr Block1
16:56:01 Block1 Signal Turns Red
16:56:02 HS2 [Train 98 ] arr Block3
16:56:02 Block3 Signal Turns Red
16:56:03 HS2 [Train 91 ] dep Block10 for Block11
16:56:04 HS2 [Train 95] arr Block6
16:56:04 Block6 Signal Turns Red
16:56:08 Block10 Signal Turns Green
16:56:13 HS2 [Train 92 ] dep Block9 for Block10
16:56:14 HS2 [Train 99 ] arr Block2
16:56:14 Block2 Signal Turns Red
16:56:18 Block9 Signal Turns Green
16:56:23 HS2 [Train 93 ] dep Block8 for Block9
16:56:28 Block8 Signal Turns Green
16:56:33 HS2 [Train 94] dep Block7 for Block8
16:56:38 Block7 Signal Turns Green
16:56:43 HS2 [Train 95] dep Block6 for Block7
16:56:48 Block6 Signal Turns Green
16:56:53 HS2 [Train 96 ] dep Block5 for Block6
16:56:58 Block5 Signal Turns Green
16:57:03 HS2 [Train 97 ] dep Block4 for Block5
16:57:08 Block4 Signal Turns Green
16:57:13 HS2 [Train 98 ] dep Block3 for Block4
16:57:18 Block3 Signal Turns Green
16:57:23 HS2 [Train 99 ] dep Block2 for Block3
16:57:28 Block2 Signal Turns Green
16:57:30 HS2 [Train 88] arr Block14
16:57:30 Block14 Signal Turns Red
16:57:33 HS2 [Train 100 ] dep Block1 for Block2
16:57:35 HS2 [Train 88] dep Block14 for London Old Oak (DEPOT)
16:57:38 Block1 Signal Turns Green
16:57:40 Block14 Signal Turns Green
16:57:43 HS2 [Train 101] dep London Old Oak for Block1
16:57:48 London Old Oak Signal Turns Green
16:57:53 HS2 [Train 102 ] dep London Old Oak (DEPOT) for London Old Oak
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16:57:55 HS2 [Train 88] arr London Old Oak (DEPOT) 16:57:55 London Old Oak (DEPOT) Signal Turns Red 16:58:13 HS2 [Train 102] arr London Old Oak 16:58:13 London Old Oak Signal Turns Red 16:59:07 HS2 [Train 89] arr Block13 16:59:07 Block13 Signal Turns Red 16:59:12 HS2 [Train 89] dep Block13 for Block14 16:59:17 Block13 Signal Turns Green 17:00:09 HS2 [Train 90] arr Block12 17:00:09 Block12 Signal Turns Red 17:00:14 HS2 [Train 90] dep Block12 for Block13 17:00:19 Block12 Signal Turns Green 17:00:33 HS2 [Train 93] arr Block9 17:00:33 Block9 Signal Turns Red 17:00:53 HS2 [Train 94] arr Block8 17:00:53 Block8 Signal Turns Red 17:01:03 HS2 [Train 95] arr Block7 17:01:03 Block7 Signal Turns Red 17:01:17 HS2 [Train 97] arr Block5 17:01:17 Block5 Signal Turns Red 17:01:26 HS2 [Train 98] arr Block4 17:01:26 Block4 Signal Turns Red 17:01:27 HS2 [Train 91] arr Block11 17:01:27 Block11 Signal Turns Red 17:01:32 HS2 [Train 91] dep Block11 for Block12 17:01:37 Block11 Signal Turns Green 17:01:50 HS2 [Train 92] arr Block10 17:01:50 Block10 Signal Turns Red 17:01:53 HS2 [Train 101] arr Block1 17:01:53 Block1 Signal Turns Red 17:01:54 HS2 [Train 99] arr Block3 17:01:54 Block3 Signal Turns Red 17:01:55 HS2 [Train 92] dep Block10 for Block11 17:01:55 HS2 [Train 96] arr Block6 17:01:55 Block6 Signal Turns Red 17:02:00 Block10 Signal Turns Green 17:02:05 HS2 [Train 93] dep Block9 for Block10 17:02:05 HS2 [Train 100] arr Block2 17:02:05 Block2 Signal Turns Red 17:02:10 Block9 Signal Turns Green 17:02:15 HS2 [Train 94] dep Block8 for Block9 17:02:20 Block8 Signal Turns Green 17:02:25 HS2 [Train 95] dep Block7 for Block8 17:02:30 Block7 Signal Turns Green 17:02:35 HS2 [Train 96] dep Block6 for Block7 17:02:40 Block6 Signal Turns Green 17:02:45 HS2 [Train 97] dep Block5 for Block6 17:02:50 Block5 Signal Turns Green 17:02:55 HS2 [Train 98] dep Block4 for Block5 17:03:00 Block4 Signal Turns Green 17:03:05 HS2 [Train 99] dep Block3 for Block4 17:03:10 Block3 Signal Turns Green 17:03:15 HS2 [Train 100] dep Block2 for Block3 17:03:20 Block2 Signal Turns Green 17:03:22 HS2 [Train 89] arr Block14 17:03:22 Block14 Signal Turns Red

17:03:25 HS2 [Train 101] dep Block1 for Block2

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x18203621 MSO CA1 Code
17:03:27 HS2 [Train 89] dep Block14 for London Old Oak (DEPOT)
17:03:30 Block1 Signal Turns Green
17:03:32 Block14 Signal Turns Green
17:03:35 HS2 [Train 102 ] dep London Old Oak for Block1
17:03:40 London Old Oak Signal Turns Green
17:03:45 HS2 [Train 103 ] dep London Old Oak (DEPOT) for London Old Oak
17:03:47 HS2 [Train 89] arr London Old Oak (DEPOT)
17:03:47 London Old Oak (DEPOT) Signal Turns Red
17:04:05 HS2 [Train 103] arr London Old Oak
17:04:05 London Old Oak Signal Turns Red
17:04:59 HS2 [Train 90 ] arr Block13
17:04:59 Block13 Signal Turns Red
17:05:04 HS2 [Train 90 ] dep Block13 for Block14
17:05:09 Block13 Signal Turns Green
17:06:01 HS2 [Train 91] arr Block12
17:06:01 Block12 Signal Turns Red
17:06:06 HS2 [Train 91 ] dep Block12 for Block13
17:06:11 Block12 Signal Turns Green
17:06:24 HS2 [Train 94] arr Block9
17:06:24 Block9 Signal Turns Red
17:06:44 HS2 [Train 95] arr Block8
17:06:44 Block8 Signal Turns Red
17:06:55 HS2 [Train 96 ] arr Block7
17:06:55 Block7 Signal Turns Red
17:07:09 HS2 [Train 98] arr Block5
17:07:09 Block5 Signal Turns Red
17:07:17 HS2 [Train 99 ] arr Block4
17:07:17 Block4 Signal Turns Red
17:07:18 HS2 [Train 92 ] arr Block11
17:07:18 Block11 Signal Turns Red
17:07:23 HS2 [Train 92 ] dep Block11 for Block12
17:07:28 Block11 Signal Turns Green
17:07:42 HS2 [Train 93 ] arr Block10
17:07:42 Block10 Signal Turns Red
17:07:44 HS2 [Train 102] arr Block1
17:07:44 Block1 Signal Turns Red
17:07:45 HS2 [Train 100] arr Block3
17:07:45 Block3 Signal Turns Red
17:07:47 HS2 [Train 93 ] dep Block10 for Block11
17:07:47 HS2 [Train 97] arr Block6
17:07:47 Block6 Signal Turns Red
17:07:52 Block10 Signal Turns Green
17:07:57 HS2 [Train 94 ] dep Block9 for Block10
17:07:57 HS2 [Train 101] arr Block2
17:07:57 Block2 Signal Turns Red
17:08:02 Block9 Signal Turns Green
17:08:07 HS2 [Train 95] dep Block8 for Block9
17:08:12 Block8 Signal Turns Green
17:08:17 HS2 [Train 96 ] dep Block7 for Block8
17:08:22 Block7 Signal Turns Green
17:08:27 HS2 [Train 97] dep Block6 for Block7
17:08:32 Block6 Signal Turns Green
17:08:37 HS2 [Train 98 ] dep Block5 for Block6
17:08:42 Block5 Signal Turns Green
17:08:47 HS2 [Train 99 ] dep Block4 for Block5
17:08:52 Block4 Signal Turns Green
17:08:57 HS2 [Train 100 ] dep Block3 for Block4
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x18203621_MSO_CA1_Code
17:09:02 Block3 Signal Turns Green
17:09:07 HS2 [Train 101] dep Block2 for Block3
17:09:12 Block2 Signal Turns Green
17:09:13 HS2 [Train 90 ] arr Block14
17:09:13 Block14 Signal Turns Red
17:09:17 HS2 [Train 102 ] dep Block1 for Block2
17:09:18 HS2 [Train 90 ] dep Block14 for London Old Oak (DEPOT)
17:09:22 Block1 Signal Turns Green
17:09:23 Block14 Signal Turns Green
17:09:27 HS2 [Train 103 ] dep London Old Oak for Block1
17:09:32 London Old Oak Signal Turns Green
17:09:37 HS2 [Train 104] dep London Old Oak (DEPOT) for London Old Oak
17:09:38 HS2 [Train 90] arr London Old Oak (DEPOT)
17:09:38 London Old Oak (DEPOT) Signal Turns Red
17:09:57 HS2 [Train 104] arr London Old Oak
17:09:57 London Old Oak Signal Turns Red
17:10:50 HS2 [Train 91] arr Block13
17:10:50 Block13 Signal Turns Red
17:10:55 HS2 [Train 91] dep Block13 for Block14
17:11:00 Block13 Signal Turns Green
17:11:53 HS2 [Train 92 ] arr Block12
17:11:53 Block12 Signal Turns Red
17:11:58 HS2 [Train 92 ] dep Block12 for Block13
17:12:03 Block12 Signal Turns Green
17:12:16 HS2 [Train 95] arr Block9
17:12:16 Block9 Signal Turns Red
17:12:36 HS2 [Train 96 ] arr Block8
17:12:36 Block8 Signal Turns Red
17:12:47 HS2 [Train 97] arr Block7
17:12:47 Block7 Signal Turns Red
17:13:00 HS2 [Train 99 ] arr Block5
17:13:00 Block5 Signal Turns Red
17:13:09 HS2 [Train 100 ] arr Block4
17:13:09 Block4 Signal Turns Red
17:13:10 HS2 [Train 93 ] arr Block11
17:13:10 Block11 Signal Turns Red
17:13:15 HS2 [Train 93 ] dep Block11 for Block12
17:13:20 Block11 Signal Turns Green
17:13:33 HS2 [Train 94] arr Block10
17:13:33 Block10 Signal Turns Red
17:13:36 HS2 [Train 103 ] arr Block1
17:13:36 Block1 Signal Turns Red
17:13:37 HS2 [Train 101] arr Block3
17:13:37 Block3 Signal Turns Red
17:13:38 HS2 [Train 94 ] dep Block10 for Block11
17:13:38 HS2 [Train 98 ] arr Block6
17:13:38 Block6 Signal Turns Red
17:13:43 Block10 Signal Turns Green
17:13:48 HS2 [Train 95 ] dep Block9 for Block10
17:13:48 HS2 [Train 102 ] arr Block2
17:13:48 Block2 Signal Turns Red
17:13:53 Block9 Signal Turns Green
17:13:58 HS2 [Train 96] dep Block8 for Block9
17:14:03 Block8 Signal Turns Green
17:14:08 HS2 [Train 97 ] dep Block7 for Block8
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17:14:18 HS2 [Train 98] dep Block6 for Block7

17:14:13 Block7 Signal Turns Green

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x18203621_MSO_CA1_Code
17:14:23 Block6 Signal Turns Green
17:14:28 HS2 [Train 99 ] dep Block5 for Block6
17:14:33 Block5 Signal Turns Green
17:14:38 HS2 [Train 100 ] dep Block4 for Block5
17:14:43 Block4 Signal Turns Green
17:14:48 HS2 [Train 101] dep Block3 for Block4
17:14:53 Block3 Signal Turns Green
17:14:58 HS2 [Train 102 ] dep Block2 for Block3
17:15:03 Block2 Signal Turns Green
17:15:05 HS2 [Train 91] arr Block14
17:15:05 Block14 Signal Turns Red
17:15:08 HS2 [Train 103 ] dep Block1 for Block2
17:15:10 HS2 [Train 91 ] dep Block14 for London Old Oak (DEPOT)
17:15:13 Block1 Signal Turns Green
17:15:15 Block14 Signal Turns Green
17:15:18 HS2 [Train 104] dep London Old Oak for Block1
17:15:23 London Old Oak Signal Turns Green
17:15:28 HS2 [Train 105] dep London Old Oak (DEPOT) for London Old Oak
17:15:30 HS2 [Train 91] arr London Old Oak (DEPOT)
17:15:30 London Old Oak (DEPOT) Signal Turns Red
17:15:48 HS2 [Train 105] arr London Old Oak
17:15:48 London Old Oak Signal Turns Red
17:16:42 HS2 [Train 92] arr Block13
17:16:42 Block13 Signal Turns Red
17:16:47 HS2 [Train 92] dep Block13 for Block14
17:16:52 Block13 Signal Turns Green
17:17:44 HS2 [Train 93 ] arr Block12
17:17:44 Block12 Signal Turns Red
17:17:49 HS2 [Train 93 ] dep Block12 for Block13
17:17:54 Block12 Signal Turns Green
17:18:07 HS2 [Train 96] arr Block9
17:18:07 Block9 Signal Turns Red
17:18:27 HS2 [Train 97] arr Block8
17:18:27 Block8 Signal Turns Red
17:18:38 HS2 [Train 98 ] arr Block7
17:18:38 Block7 Signal Turns Red
17:18:52 HS2 [Train 100 ] arr Block5
17:18:52 Block5 Signal Turns Red
17:19:01 HS2 [Train 101] arr Block4
17:19:01 Block4 Signal Turns Red
17:19:01 HS2 [Train 94] arr Block11
17:19:01 Block11 Signal Turns Red
17:19:06 HS2 [Train 94 ] dep Block11 for Block12
17:19:11 Block11 Signal Turns Green
17:19:25 HS2 [Train 95] arr Block10
17:19:25 Block10 Signal Turns Red
17:19:28 HS2 [Train 104] arr Block1
17:19:28 Block1 Signal Turns Red
17:19:28 HS2 [Train 102] arr Block3
17:19:28 Block3 Signal Turns Red
17:19:30 HS2 [Train 95 ] dep Block10 for Block11
17:19:30 HS2 [Train 99 ] arr Block6
17:19:30 Block6 Signal Turns Red
17:19:35 Block10 Signal Turns Green
17:19:40 HS2 [Train 96 ] dep Block9 for Block10
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17:19:40 HS2 [Train 103] arr Block2 17:19:40 Block2 Signal Turns Red

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x18203621_MSO_CA1_Code
17:19:45 Block9 Signal Turns Green
17:19:50 HS2 [Train 97] dep Block8 for Block9
17:19:55 Block8 Signal Turns Green
17:20:00 HS2 [Train 98 ] dep Block7 for Block8
17:20:05 Block7 Signal Turns Green
17:20:10 HS2 [Train 99 ] dep Block6 for Block7
17:20:15 Block6 Signal Turns Green
17:20:20 HS2 [Train 100 ] dep Block5 for Block6
17:20:25 Block5 Signal Turns Green
17:20:30 HS2 [Train 101] dep Block4 for Block5
17:20:35 Block4 Signal Turns Green
17:20:40 HS2 [Train 102] dep Block3 for Block4
17:20:45 Block3 Signal Turns Green
17:20:50 HS2 [Train 103 ] dep Block2 for Block3
17:20:55 Block2 Signal Turns Green
17:20:56 HS2 [Train 92 ] arr Block14
17:20:56 Block14 Signal Turns Red
17:21:00 HS2 [Train 104 ] dep Block1 for Block2
17:21:01 HS2 [Train 92] dep Block14 for London Old Oak (DEPOT)
17:21:05 Block1 Signal Turns Green
17:21:06 Block14 Signal Turns Green
17:21:10 HS2 [Train 105] dep London Old Oak for Block1
17:21:15 London Old Oak Signal Turns Green
17:21:20 HS2 [Train 106 ] dep London Old Oak (DEPOT) for London Old Oak
17:21:21 HS2 [Train 92] arr London Old Oak (DEPOT)
17:21:21 London Old Oak (DEPOT) Signal Turns Red
17:21:40 HS2 [Train 106] arr London Old Oak
17:21:40 London Old Oak Signal Turns Red
17:22:34 HS2 [Train 93 ] arr Block13
17:22:34 Block13 Signal Turns Red
17:22:39 HS2 [Train 93 ] dep Block13 for Block14
17:22:44 Block13 Signal Turns Green
17:23:36 HS2 [Train 94] arr Block12
17:23:36 Block12 Signal Turns Red
17:23:41 HS2 [Train 94] dep Block12 for Block13
17:23:46 Block12 Signal Turns Green
17:23:59 HS2 [Train 97] arr Block9
17:23:59 Block9 Signal Turns Red
17:24:19 HS2 [Train 98 ] arr Block8
17:24:19 Block8 Signal Turns Red
17:24:30 HS2 [Train 99 ] arr Block7
17:24:30 Block7 Signal Turns Red
17:24:44 HS2 [Train 101] arr Block5
17:24:44 Block5 Signal Turns Red
17:24:52 HS2 [Train 102] arr Block4
17:24:52 Block4 Signal Turns Red
17:24:53 HS2 [Train 95] arr Block11
17:24:53 Block11 Signal Turns Red
17:24:58 HS2 [Train 95 ] dep Block11 for Block12
17:25:03 Block11 Signal Turns Green
17:25:16 HS2 [Train 96 ] arr Block10
17:25:16 Block10 Signal Turns Red
17:25:19 HS2 [Train 105 ] arr Block1
17:25:19 Block1 Signal Turns Red
17:25:20 HS2 [Train 103 ] arr Block3
17:25:20 Block3 Signal Turns Red
```

17:25:21 HS2 [Train 96] dep Block10 for Block11

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17:25:21 HS2 [Train 100 ] arr Block6
17:25:21 Block6 Signal Turns Red
17:25:26 Block10 Signal Turns Green
17:25:31 HS2 [Train 97 ] dep Block9 for Block10
17:25:32 HS2 [Train 104 ] arr Block2
17:25:32 Block2 Signal Turns Red
17:25:36 Block9 Signal Turns Green
17:25:41 HS2 [Train 98 ] dep Block8 for Block9
17:25:46 Block8 Signal Turns Green
17:25:51 HS2 [Train 99 ] dep Block7 for Block8
17:25:56 Block7 Signal Turns Green
17:26:01 HS2 [Train 100 ] dep Block6 for Block7
17:26:06 Block6 Signal Turns Green
17:26:11 HS2 [Train 101] dep Block5 for Block6
17:26:16 Block5 Signal Turns Green
17:26:21 HS2 [Train 102] dep Block4 for Block5
17:26:26 Block4 Signal Turns Green
17:26:31 HS2 [Train 103 ] dep Block3 for Block4
17:26:36 Block3 Signal Turns Green
17:26:41 HS2 [Train 104] dep Block2 for Block3
17:26:46 Block2 Signal Turns Green
17:26:48 HS2 [Train 93] arr Block14
17:26:48 Block14 Signal Turns Red
17:26:51 HS2 [Train 105 ] dep Block1 for Block2
17:26:53 HS2 [Train 93 ] dep Block14 for London Old Oak (DEPOT)
17:26:56 Block1 Signal Turns Green
17:26:58 Block14 Signal Turns Green
17:27:01 HS2 [Train 106] dep London Old Oak for Block1
17:27:06 London Old Oak Signal Turns Green
17:27:11 HS2 [Train 107] dep London Old Oak (DEPOT) for London Old Oak
17:27:13 HS2 [Train 93] arr London Old Oak (DEPOT)
17:27:13 London Old Oak (DEPOT) Signal Turns Red
17:27:31 HS2 [Train 107] arr London Old Oak
17:27:31 London Old Oak Signal Turns Red
17:28:25 HS2 [Train 94] arr Block13
17:28:25 Block13 Signal Turns Red
17:28:30 HS2 [Train 94] dep Block13 for Block14
17:28:35 Block13 Signal Turns Green
17:29:27 HS2 [Train 95] arr Block12
17:29:27 Block12 Signal Turns Red
17:29:32 HS2 [Train 95] dep Block12 for Block13
17:29:37 Block12 Signal Turns Green
17:29:51 HS2 [Train 98] arr Block9
17:29:51 Block9 Signal Turns Red
17:30:11 HS2 [Train 99 ] arr Block8
17:30:11 Block8 Signal Turns Red
17:30:21 HS2 [Train 100] arr Block7
17:30:21 Block7 Signal Turns Red
17:30:35 HS2 [Train 102] arr Block5
17:30:35 Block5 Signal Turns Red
17:30:44 HS2 [Train 103] arr Block4
17:30:44 Block4 Signal Turns Red
17:30:45 HS2 [Train 96] arr Block11
17:30:45 Block11 Signal Turns Red
17:30:50 HS2 [Train 96 ] dep Block11 for Block12
17:30:55 Block11 Signal Turns Green
17:31:08 HS2 [Train 97] arr Block10
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x18203621_MSO_CA1_Code
17:31:08 Block10 Signal Turns Red
17:31:11 HS2 [Train 106] arr Block1
17:31:11 Block1 Signal Turns Red
17:31:12 HS2 [Train 104] arr Block3
17:31:12 Block3 Signal Turns Red
17:31:13 HS2 [Train 97 ] dep Block10 for Block11
17:31:13 HS2 [Train 101] arr Block6
17:31:13 Block6 Signal Turns Red
17:31:18 Block10 Signal Turns Green
17:31:23 HS2 [Train 98 ] dep Block9 for Block10
17:31:23 HS2 [Train 105] arr Block2
17:31:23 Block2 Signal Turns Red
17:31:28 Block9 Signal Turns Green
17:31:33 HS2 [Train 99 ] dep Block8 for Block9
17:31:38 Block8 Signal Turns Green
17:31:43 HS2 [Train 100 ] dep Block7 for Block8
17:31:48 Block7 Signal Turns Green
17:31:53 HS2 [Train 101] dep Block6 for Block7
17:31:58 Block6 Signal Turns Green
17:32:03 HS2 [Train 102 ] dep Block5 for Block6
17:32:08 Block5 Signal Turns Green
17:32:13 HS2 [Train 103 ] dep Block4 for Block5
17:32:18 Block4 Signal Turns Green
17:32:23 HS2 [Train 104] dep Block3 for Block4
17:32:28 Block3 Signal Turns Green
17:32:33 HS2 [Train 105 ] dep Block2 for Block3
17:32:38 Block2 Signal Turns Green
17:32:40 HS2 [Train 94] arr Block14
17:32:40 Block14 Signal Turns Red
17:32:43 HS2 [Train 106 ] dep Block1 for Block2
17:32:45 HS2 [Train 94] dep Block14 for London Old Oak (DEPOT)
17:32:48 Block1 Signal Turns Green
17:32:50 Block14 Signal Turns Green
17:32:53 HS2 [Train 107] dep London Old Oak for Block1
17:32:58 London Old Oak Signal Turns Green
17:33:03 HS2 [Train 108] dep London Old Oak (DEPOT) for London Old Oak
17:33:05 HS2 [Train 94] arr London Old Oak (DEPOT)
17:33:05 London Old Oak (DEPOT) Signal Turns Red
17:33:23 HS2 [Train 108 ] arr London Old Oak
17:33:23 London Old Oak Signal Turns Red
17:34:17 HS2 [Train 95] arr Block13
17:34:17 Block13 Signal Turns Red
17:34:22 HS2 [Train 95 ] dep Block13 for Block14
17:34:27 Block13 Signal Turns Green
17:35:19 HS2 [Train 96 ] arr Block12
17:35:19 Block12 Signal Turns Red
17:35:24 HS2 [Train 96 ] dep Block12 for Block13
17:35:29 Block12 Signal Turns Green
17:35:42 HS2 [Train 99 ] arr Block9
17:35:42 Block9 Signal Turns Red
17:36:02 HS2 [Train 100 ] arr Block8
17:36:02 Block8 Signal Turns Red
17:36:13 HS2 [Train 101] arr Block7
17:36:13 Block7 Signal Turns Red
17:36:27 HS2 [Train 103] arr Block5
17:36:27 Block5 Signal Turns Red
17:36:35 HS2 [Train 104] arr Block4
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x18203621_MSO_CA1_Code
17:36:35 Block4 Signal Turns Red
17:36:36 HS2 [Train 97] arr Block11
17:36:36 Block11 Signal Turns Red
17:36:41 HS2 [Train 97] dep Block11 for Block12
17:36:46 Block11 Signal Turns Green
17:36:59 HS2 [Train 98] arr Block10
17:36:59 Block10 Signal Turns Red
17:37:02 HS2 [Train 107] arr Block1
17:37:02 Block1 Signal Turns Red
17:37:03 HS2 [Train 105] arr Block3
17:37:03 Block3 Signal Turns Red
17:37:04 HS2 [Train 98 ] dep Block10 for Block11
17:37:05 HS2 [Train 102 ] arr Block6
17:37:05 Block6 Signal Turns Red
17:37:09 Block10 Signal Turns Green
17:37:14 HS2 [Train 99 ] dep Block9 for Block10
17:37:15 HS2 [Train 106 ] arr Block2
17:37:15 Block2 Signal Turns Red
17:37:19 Block9 Signal Turns Green
17:37:24 HS2 [Train 100 ] dep Block8 for Block9
17:37:29 Block8 Signal Turns Green
17:37:34 HS2 [Train 101] dep Block7 for Block8
17:37:39 Block7 Signal Turns Green
17:37:44 HS2 [Train 102 ] dep Block6 for Block7
17:37:49 Block6 Signal Turns Green
17:37:54 HS2 [Train 103 ] dep Block5 for Block6
17:37:59 Block5 Signal Turns Green
17:38:04 HS2 [Train 104 ] dep Block4 for Block5
17:38:09 Block4 Signal Turns Green
17:38:14 HS2 [Train 105] dep Block3 for Block4
17:38:19 Block3 Signal Turns Green
17:38:24 HS2 [Train 106 ] dep Block2 for Block3
17:38:29 Block2 Signal Turns Green
17:38:31 HS2 [Train 95] arr Block14
17:38:31 Block14 Signal Turns Red
17:38:34 HS2 [Train 107] dep Block1 for Block2
17:38:36 HS2 [Train 95] dep Block14 for London Old Oak (DEPOT)
17:38:39 Block1 Signal Turns Green
17:38:41 Block14 Signal Turns Green
17:38:44 HS2 [Train 108] dep London Old Oak for Block1
17:38:49 London Old Oak Signal Turns Green
17:38:54 HS2 [Train 109] dep London Old Oak (DEPOT) for London Old Oak
17:38:56 HS2 [Train 95] arr London Old Oak (DEPOT)
17:38:56 London Old Oak (DEPOT) Signal Turns Red
17:39:14 HS2 [Train 109 ] arr London Old Oak
17:39:14 London Old Oak Signal Turns Red
17:40:08 HS2 [Train 96] arr Block13
17:40:08 Block13 Signal Turns Red
17:40:13 HS2 [Train 96 ] dep Block13 for Block14
17:40:18 Block13 Signal Turns Green
17:41:11 HS2 [Train 97] arr Block12
17:41:11 Block12 Signal Turns Red
17:41:16 HS2 [Train 97 ] dep Block12 for Block13
17:41:21 Block12 Signal Turns Green
17:41:34 HS2 [Train 100 ] arr Block9
17:41:34 Block9 Signal Turns Red
17:41:54 HS2 [Train 101] arr Block8
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x18203621_MSO_CA1_Code
17:41:54 Block8 Signal Turns Red
17:42:04 HS2 [Train 102] arr Block7
17:42:04 Block7 Signal Turns Red
17:42:18 HS2 [Train 104] arr Block5
17:42:18 Block5 Signal Turns Red
17:42:27 HS2 [Train 105] arr Block4
17:42:27 Block4 Signal Turns Red
17:42:28 HS2 [Train 98] arr Block11
17:42:28 Block11 Signal Turns Red
17:42:33 HS2 [Train 98 ] dep Block11 for Block12
17:42:38 Block11 Signal Turns Green
17:42:51 HS2 [Train 99] arr Block10
17:42:51 Block10 Signal Turns Red
17:42:54 HS2 [Train 108] arr Block1
17:42:54 Block1 Signal Turns Red
17:42:55 HS2 [Train 106] arr Block3
17:42:55 Block3 Signal Turns Red
17:42:56 HS2 [Train 99 ] dep Block10 for Block11
17:42:56 HS2 [Train 103] arr Block6
17:42:56 Block6 Signal Turns Red
17:43:01 Block10 Signal Turns Green
17:43:06 HS2 [Train 100 ] dep Block9 for Block10
17:43:06 HS2 [Train 107] arr Block2
17:43:06 Block2 Signal Turns Red
17:43:11 Block9 Signal Turns Green
17:43:16 HS2 [Train 101] dep Block8 for Block9
17:43:21 Block8 Signal Turns Green
17:43:26 HS2 [Train 102 ] dep Block7 for Block8
17:43:31 Block7 Signal Turns Green
17:43:36 HS2 [Train 103 ] dep Block6 for Block7
17:43:41 Block6 Signal Turns Green
17:43:46 HS2 [Train 104] dep Block5 for Block6
17:43:51 Block5 Signal Turns Green
17:43:56 HS2 [Train 105] dep Block4 for Block5
17:44:01 Block4 Signal Turns Green
17:44:06 HS2 [Train 106 ] dep Block3 for Block4
17:44:11 Block3 Signal Turns Green
17:44:16 HS2 [Train 107] dep Block2 for Block3
17:44:21 Block2 Signal Turns Green
17:44:23 HS2 [Train 96] arr Block14
17:44:23 Block14 Signal Turns Red
17:44:26 HS2 [Train 108 ] dep Block1 for Block2
17:44:28 HS2 [Train 96 ] dep Block14 for London Old Oak (DEPOT)
17:44:31 Block1 Signal Turns Green
17:44:33 Block14 Signal Turns Green
17:44:36 HS2 [Train 109] dep London Old Oak for Block1
17:44:41 London Old Oak Signal Turns Green
17:44:46 HS2 [Train 110 ] dep London Old Oak (DEPOT) for London Old Oak
17:44:48 HS2 [Train 96] arr London Old Oak (DEPOT)
17:44:48 London Old Oak (DEPOT) Signal Turns Red
17:45:06 HS2 [Train 110 ] arr London Old Oak
17:45:06 London Old Oak Signal Turns Red
17:46:00 HS2 [Train 97] arr Block13
17:46:00 Block13 Signal Turns Red
17:46:05 HS2 [Train 97 ] dep Block13 for Block14
17:46:10 Block13 Signal Turns Green
17:47:02 HS2 [Train 98 ] arr Block12
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17:47:02 Block12 Signal Turns Red
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17:47:07 HS2 [Train 98] dep Block12 for Block13

17:47:12 Block12 Signal Turns Green

17:47:25 HS2 [Train 101] arr Block9

17:47:25 Block9 Signal Turns Red

17:47:45 HS2 [Train 102] arr Block8

17:47:45 Block8 Signal Turns Red

17:47:56 HS2 [Train 103] arr Block7

17:47:56 Block7 Signal Turns Red

17:48:10 HS2 [Train 105] arr Block5

17:48:10 Block5 Signal Turns Red

17:48:18 HS2 [Train 106] arr Block4

17:48:18 Block4 Signal Turns Red

17:48:19 HS2 [Train 99] arr Block11

17:48:19 Block11 Signal Turns Red

17:48:24 HS2 [Train 99] dep Block11 for Block12

17:48:29 Block11 Signal Turns Green

17:48:43 HS2 [Train 100] arr Block10

17:48:43 Block10 Signal Turns Red

17:48:45 HS2 [Train 109] arr Block1

17:48:45 Block1 Signal Turns Red

17:48:46 HS2 [Train 107] arr Block3

17:48:46 Block3 Signal Turns Red

17:48:48 HS2 [Train 100] dep Block10 for Block11

17:48:48 HS2 [Train 104] arr Block6

17:48:48 Block6 Signal Turns Red

17:48:53 Block10 Signal Turns Green

17:48:58 HS2 [Train 101] dep Block9 for Block10

17:48:58 HS2 [Train 108] arr Block2

17:48:58 Block2 Signal Turns Red

17:49:03 Block9 Signal Turns Green

17:49:08 HS2 [Train 102] dep Block8 for Block9

17:49:13 Block8 Signal Turns Green

17:49:18 HS2 [Train 103] dep Block7 for Block8

17:49:23 Block7 Signal Turns Green

17:49:28 HS2 [Train 104] dep Block6 for Block7

17:49:33 Block6 Signal Turns Green

17:49:38 HS2 [Train 105] dep Block5 for Block6

17:49:43 Block5 Signal Turns Green

17:49:48 HS2 [Train 106] dep Block4 for Block5

17:49:53 Block4 Signal Turns Green

17:49:58 HS2 [Train 107] dep Block3 for Block4

17:50:03 Block3 Signal Turns Green

17:50:08 HS2 [Train 108] dep Block2 for Block3

17:50:13 Block2 Signal Turns Green

17:50:14 HS2 [Train 97] arr Block14

17:50:14 Block14 Signal Turns Red

17:50:18 HS2 [Train 109] dep Block1 for Block2

17:50:19 HS2 [Train 97] dep Block14 for London Old Oak (DEPOT)

17:50:23 Block1 Signal Turns Green

17:50:24 Block14 Signal Turns Green

17:50:28 HS2 [Train 110] dep London Old Oak for Block1

17:50:33 London Old Oak Signal Turns Green

17:50:38 HS2 [Train 111] dep London Old Oak (DEPOT) for London Old Oak

17:50:39 HS2 [Train 97] arr London Old Oak (DEPOT)

17:50:39 London Old Oak (DEPOT) Signal Turns Red

17:50:58 HS2 [Train 111] arr London Old Oak

17:50:58 London Old Oak Signal Turns Red 17:51:51 HS2 [Train 98] arr Block13 17:51:51 Block13 Signal Turns Red 17:51:56 HS2 [Train 98] dep Block13 for Block14 17:52:01 Block13 Signal Turns Green 17:52:54 HS2 [Train 99] arr Block12 17:52:54 Block12 Signal Turns Red 17:52:59 HS2 [Train 99] dep Block12 for Block13 17:53:04 Block12 Signal Turns Green 17:53:17 HS2 [Train 102] arr Block9 17:53:17 Block9 Signal Turns Red 17:53:37 HS2 [Train 103] arr Block8 17:53:37 Block8 Signal Turns Red 17:53:48 HS2 [Train 104] arr Block7 17:53:48 Block7 Signal Turns Red 17:54:01 HS2 [Train 106] arr Block5 17:54:01 Block5 Signal Turns Red 17:54:10 HS2 [Train 107] arr Block4 17:54:10 Block4 Signal Turns Red 17:54:11 HS2 [Train 100] arr Block11 17:54:11 Block11 Signal Turns Red 17:54:16 HS2 [Train 100] dep Block11 for Block12 17:54:21 Block11 Signal Turns Green 17:54:34 HS2 [Train 101] arr Block10 17:54:34 Block10 Signal Turns Red 17:54:37 HS2 [Train 110] arr Block1 17:54:37 Block1 Signal Turns Red 17:54:38 HS2 [Train 108] arr Block3 17:54:38 Block3 Signal Turns Red 17:54:39 HS2 [Train 101] dep Block10 for Block11 17:54:39 HS2 [Train 105] arr Block6 17:54:39 Block6 Signal Turns Red 17:54:44 Block10 Signal Turns Green 17:54:49 HS2 [Train 102] dep Block9 for Block10 17:54:49 HS2 [Train 109] arr Block2 17:54:49 Block2 Signal Turns Red 17:54:54 Block9 Signal Turns Green 17:54:59 HS2 [Train 103] dep Block8 for Block9 17:55:04 Block8 Signal Turns Green 17:55:09 HS2 [Train 104] dep Block7 for Block8 17:55:14 Block7 Signal Turns Green 17:55:19 HS2 [Train 105] dep Block6 for Block7 17:55:24 Block6 Signal Turns Green 17:55:29 HS2 [Train 106] dep Block5 for Block6 17:55:34 Block5 Signal Turns Green 17:55:39 HS2 [Train 107] dep Block4 for Block5 17:55:44 Block4 Signal Turns Green 17:55:49 HS2 [Train 108] dep Block3 for Block4 17:55:54 Block3 Signal Turns Green 17:55:59 HS2 [Train 109] dep Block2 for Block3 17:56:04 Block2 Signal Turns Green 17:56:06 HS2 [Train 98] arr Block14 17:56:06 Block14 Signal Turns Red 17:56:09 HS2 [Train 110] dep Block1 for Block2 17:56:11 HS2 [Train 98] dep Block14 for London Old Oak (DEPOT) 17:56:14 Block1 Signal Turns Green

17:56:16 Block14 Signal Turns Green

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18:01:56 Block2 Signal Turns Green

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18:01:57 HS2 [Train 99 ] arr Block14
18:01:57 Block14 Signal Turns Red
18:02:01 HS2 [Train 111 ] dep Block1 for Block2
18:02:02 HS2 [Train 99 ] dep Block14 for London Old Oak (DEPOT)
18:02:06 Block1 Signal Turns Green
18:02:07 Block14 Signal Turns Green
18:02:11 HS2 [Train 112] dep London Old Oak for Block1
18:02:16 London Old Oak Signal Turns Green
18:02:21 HS2 [Train 113 ] dep London Old Oak (DEPOT) for London Old Oak
18:02:22 HS2 [Train 99 ] arr London Old Oak (DEPOT)
18:02:22 London Old Oak (DEPOT) Signal Turns Red
18:02:41 HS2 [Train 113] arr London Old Oak
18:02:41 London Old Oak Signal Turns Red
18:03:35 HS2 [Train 100 ] arr Block13
18:03:35 Block13 Signal Turns Red
18:03:40 HS2 [Train 100 ] dep Block13 for Block14
18:03:45 Block13 Signal Turns Green
18:04:37 HS2 [Train 101] arr Block12
18:04:37 Block12 Signal Turns Red
18:04:42 HS2 [Train 101] dep Block12 for Block13
18:04:47 Block12 Signal Turns Green
18:05:00 HS2 [Train 104] arr Block9
18:05:00 Block9 Signal Turns Red
18:05:20 HS2 [Train 105] arr Block8
18:05:20 Block8 Signal Turns Red
18:05:31 HS2 [Train 106] arr Block7
18:05:31 Block7 Signal Turns Red
18:05:45 HS2 [Train 108] arr Block5
18:05:45 Block5 Signal Turns Red
18:05:53 HS2 [Train 109] arr Block4
18:05:53 Block4 Signal Turns Red
18:05:54 HS2 [Train 102] arr Block11
18:05:54 Block11 Signal Turns Red
18:05:59 HS2 [Train 102 ] dep Block11 for Block12
18:06:04 Block11 Signal Turns Green
18:06:17 HS2 [Train 103 ] arr Block10
18:06:17 Block10 Signal Turns Red
18:06:20 HS2 [Train 112 ] arr Block1
18:06:20 Block1 Signal Turns Red
18:06:21 HS2 [Train 110 ] arr Block3
18:06:21 Block3 Signal Turns Red
18:06:22 HS2 [Train 103 ] dep Block10 for Block11
18:06:23 HS2 [Train 107] arr Block6
18:06:23 Block6 Signal Turns Red
18:06:27 Block10 Signal Turns Green
18:06:32 HS2 [Train 104 ] dep Block9 for Block10
18:06:33 HS2 [Train 111] arr Block2
18:06:33 Block2 Signal Turns Red
18:06:37 Block9 Signal Turns Green
18:06:42 HS2 [Train 105] dep Block8 for Block9
18:06:47 Block8 Signal Turns Green
18:06:52 HS2 [Train 106 ] dep Block7 for Block8
18:06:57 Block7 Signal Turns Green
18:07:02 HS2 [Train 107] dep Block6 for Block7
18:07:07 Block6 Signal Turns Green
18:07:12 HS2 [Train 108 ] dep Block5 for Block6
18:07:17 Block 5 Signal Turns Green
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18:07:22 HS2 [Train 109 ] dep Block4 for Block5
18:07:27 Block4 Signal Turns Green
18:07:32 HS2 [Train 110 ] dep Block3 for Block4
18:07:37 Block3 Signal Turns Green
18:07:42 HS2 [Train 111] dep Block2 for Block3
18:07:47 Block2 Signal Turns Green
18:07:49 HS2 [Train 100 ] arr Block14
18:07:49 Block14 Signal Turns Red
18:07:52 HS2 [Train 112] dep Block1 for Block2
18:07:54 HS2 [Train 100 ] dep Block14 for London Old Oak (DEPOT)
18:07:57 Block1 Signal Turns Green
18:07:59 Block14 Signal Turns Green
18:08:02 HS2 [Train 113] dep London Old Oak for Block1
18:08:07 London Old Oak Signal Turns Green
18:08:12 HS2 [Train 114 ] dep London Old Oak (DEPOT) for London Old Oak
18:08:14 HS2 [Train 100 ] arr London Old Oak (DEPOT)
18:08:14 London Old Oak (DEPOT) Signal Turns Red
18:08:32 HS2 [Train 114] arr London Old Oak
18:08:32 London Old Oak Signal Turns Red
18:09:26 HS2 [Train 101] arr Block13
18:09:26 Block13 Signal Turns Red
18:09:31 HS2 [Train 101] dep Block13 for Block14
18:09:36 Block13 Signal Turns Green
18:10:28 HS2 [Train 102 ] arr Block12
18:10:28 Block12 Signal Turns Red
18:10:33 HS2 [Train 102] dep Block12 for Block13
18:10:38 Block12 Signal Turns Green
18:10:52 HS2 [Train 105] arr Block9
18:10:52 Block9 Signal Turns Red
18:11:12 HS2 [Train 106] arr Block8
18:11:12 Block8 Signal Turns Red
18:11:22 HS2 [Train 107] arr Block7
18:11:22 Block7 Signal Turns Red
18:11:36 HS2 [Train 109] arr Block5
18:11:36 Block5 Signal Turns Red
18:11:45 HS2 [Train 110 ] arr Block4
18:11:45 Block4 Signal Turns Red
18:11:46 HS2 [Train 103] arr Block11
18:11:46 Block11 Signal Turns Red
18:11:51 HS2 [Train 103 ] dep Block11 for Block12
18:11:56 Block11 Signal Turns Green
18:12:09 HS2 [Train 104] arr Block10
18:12:09 Block10 Signal Turns Red
18:12:12 HS2 [Train 113] arr Block1
18:12:12 Block1 Signal Turns Red
18:12:13 HS2 [Train 111 ] arr Block3
18:12:13 Block3 Signal Turns Red
18:12:14 HS2 [Train 104] dep Block10 for Block11
18:12:14 HS2 [Train 108] arr Block6
18:12:14 Block6 Signal Turns Red
18:12:19 Block10 Signal Turns Green
18:12:24 HS2 [Train 105 ] dep Block9 for Block10
18:12:24 HS2 [Train 112] arr Block2
18:12:24 Block2 Signal Turns Red
18:12:29 Block9 Signal Turns Green
18:12:34 HS2 [Train 106] dep Block8 for Block9
18:12:39 Block8 Signal Turns Green
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18:12:44 HS2 [Train 107 ] dep Block7 for Block8
18:12:49 Block7 Signal Turns Green
18:12:54 HS2 [Train 108 ] dep Block6 for Block7
18:12:59 Block6 Signal Turns Green
18:13:04 HS2 [Train 109 ] dep Block5 for Block6
18:13:09 Block5 Signal Turns Green
18:13:14 HS2 [Train 110 ] dep Block4 for Block5
18:13:19 Block4 Signal Turns Green
18:13:24 HS2 [Train 111 ] dep Block3 for Block4
18:13:29 Block3 Signal Turns Green
18:13:34 HS2 [Train 112 ] dep Block2 for Block3
18:13:39 Block2 Signal Turns Green
18:13:41 HS2 [Train 101] arr Block14
18:13:41 Block14 Signal Turns Red
18:13:44 HS2 [Train 113 ] dep Block1 for Block2
18:13:46 HS2 [Train 101] dep Block14 for London Old Oak (DEPOT)
18:13:49 Block1 Signal Turns Green
18:13:51 Block14 Signal Turns Green
18:13:54 HS2 [Train 114] dep London Old Oak for Block1
18:13:59 London Old Oak Signal Turns Green
18:14:04 HS2 [Train 115] dep London Old Oak (DEPOT) for London Old Oak
18:14:06 HS2 [Train 101] arr London Old Oak (DEPOT)
18:14:06 London Old Oak (DEPOT) Signal Turns Red
18:14:24 HS2 [Train 115] arr London Old Oak
18:14:24 London Old Oak Signal Turns Red
18:15:18 HS2 [Train 102 ] arr Block13
18:15:18 Block13 Signal Turns Red
18:15:23 HS2 [Train 102 ] dep Block13 for Block14
18:15:28 Block13 Signal Turns Green
18:16:20 HS2 [Train 103 ] arr Block12
18:16:20 Block12 Signal Turns Red
18:16:25 HS2 [Train 103 ] dep Block12 for Block13
18:16:30 Block12 Signal Turns Green
18:16:43 HS2 [Train 106] arr Block9
18:16:43 Block9 Signal Turns Red
18:17:03 HS2 [Train 107] arr Block8
18:17:03 Block8 Signal Turns Red
18:17:14 HS2 [Train 108] arr Block7
18:17:14 Block7 Signal Turns Red
18:17:28 HS2 [Train 110 ] arr Block5
18:17:28 Block5 Signal Turns Red
18:17:36 HS2 [Train 111] arr Block4
18:17:36 Block4 Signal Turns Red
18:17:37 HS2 [Train 104] arr Block11
18:17:37 Block11 Signal Turns Red
18:17:42 HS2 [Train 104] dep Block11 for Block12
18:17:47 Block11 Signal Turns Green
18:18:01 HS2 [Train 105] arr Block10
18:18:01 Block10 Signal Turns Red
18:18:03 HS2 [Train 114] arr Block1
18:18:03 Block1 Signal Turns Red
18:18:04 HS2 [Train 112] arr Block3
18:18:04 Block3 Signal Turns Red
18:18:06 HS2 [Train 105] dep Block10 for Block11
18:18:06 HS2 [Train 109] arr Block6
18:18:06 Block6 Signal Turns Red
18:18:11 Block10 Signal Turns Green
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18:18:16 HS2 [Train 106 ] dep Block9 for Block10
18:18:16 HS2 [Train 113] arr Block2
18:18:16 Block2 Signal Turns Red
18:18:21 Blocko Signal Turns Green
18:18:26 HS2 [Train 107] dep Block8 for Block9
18:18:31 Block8 Signal Turns Green
18:18:36 HS2 [Train 108] dep Block7 for Block8
18:18:41 Block7 Signal Turns Green
18:18:46 HS2 [Train 109] dep Block6 for Block7
18:18:51 Block6 Signal Turns Green
18:18:56 HS2 [Train 110 ] dep Block5 for Block6
18:19:01 Block5 Signal Turns Green
18:19:06 HS2 [Train 111 ] dep Block4 for Block5
18:19:11 Block4 Signal Turns Green
18:19:16 HS2 [Train 112 ] dep Block3 for Block4
18:19:21 Block3 Signal Turns Green
18:19:26 HS2 [Train 113 ] dep Block2 for Block3
18:19:31 Block2 Signal Turns Green
18:19:32 HS2 [Train 102] arr Block14
18:19:32 Block14 Signal Turns Red
18:19:36 HS2 [Train 114] dep Block1 for Block2
18:19:37 HS2 [Train 102] dep Block14 for London Old Oak (DEPOT)
18:19:41 Block1 Signal Turns Green
18:19:42 Block14 Signal Turns Green
18:19:46 HS2 [Train 115] dep London Old Oak for Block1
18:19:51 London Old Oak Signal Turns Green
18:19:56 HS2 [Train 116] dep London Old Oak (DEPOT) for London Old Oak
18:19:57 HS2 [Train 102] arr London Old Oak (DEPOT)
18:19:57 London Old Oak (DEPOT) Signal Turns Red
18:20:16 HS2 [Train 116] arr London Old Oak
18:20:16 London Old Oak Signal Turns Red
18:21:09 HS2 [Train 103] arr Block13
18:21:09 Block13 Signal Turns Red
18:21:14 HS2 [Train 103 ] dep Block13 for Block14
18:21:19 Block13 Signal Turns Green
18:22:12 HS2 [Train 104] arr Block12
18:22:12 Block12 Signal Turns Red
18:22:17 HS2 [Train 104] dep Block12 for Block13
18:22:22 Block12 Signal Turns Green
18:22:35 HS2 [Train 107] arr Block9
18:22:35 Block9 Signal Turns Red
18:22:55 HS2 [Train 108] arr Block8
18:22:55 Block8 Signal Turns Red
18:23:05 HS2 [Train 109] arr Block7
18:23:05 Block7 Signal Turns Red
18:23:19 HS2 [Train 111 ] arr Block5
18:23:19 Block5 Signal Turns Red
18:23:28 HS2 [Train 112 ] arr Block4
18:23:28 Block4 Signal Turns Red
18:23:29 HS2 [Train 105] arr Block11
18:23:29 Block11 Signal Turns Red
18:23:34 HS2 [Train 105 ] dep Block11 for Block12
18:23:39 Block11 Signal Turns Green
18:23:52 HS2 [Train 106] arr Block10
18:23:52 Block10 Signal Turns Red
18:23:55 HS2 [Train 115] arr Block1
18:23:55 Block1 Signal Turns Red
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18:23:56 HS2 [Train 113 ] arr Block3
18:23:56 Block3 Signal Turns Red
18:23:57 HS2 [Train 106 ] dep Block10 for Block11
18:23:57 HS2 [Train 110 ] arr Block6
18:23:57 Block6 Signal Turns Red
18:24:02 Block10 Signal Turns Green
18:24:07 HS2 [Train 107] dep Block9 for Block10
18:24:07 HS2 [Train 114] arr Block2
18:24:07 Block2 Signal Turns Red
18:24:12 Blocko Signal Turns Green
18:24:17 HS2 [Train 108] dep Block8 for Block9
18:24:22 Block8 Signal Turns Green
18:24:27 HS2 [Train 109] dep Block7 for Block8
18:24:32 Block7 Signal Turns Green
18:24:37 HS2 [Train 110 ] dep Block6 for Block7
18:24:42 Block6 Signal Turns Green
18:24:47 HS2 [Train 111 ] dep Block5 for Block6
18:24:52 Block5 Signal Turns Green
18:24:57 HS2 [Train 112 ] dep Block4 for Block5
18:25:02 Block4 Signal Turns Green
18:25:07 HS2 [Train 113 ] dep Block3 for Block4
18:25:12 Block3 Signal Turns Green
18:25:17 HS2 [Train 114 ] dep Block2 for Block3
18:25:22 Block2 Signal Turns Green
18:25:24 HS2 [Train 103] arr Block14
18:25:24 Block14 Signal Turns Red
18:25:27 HS2 [Train 115 ] dep Block1 for Block2
18:25:29 HS2 [Train 103 ] dep Block14 for London Old Oak (DEPOT)
18:25:32 Block1 Signal Turns Green
18:25:34 Block14 Signal Turns Green
18:25:37 HS2 [Train 116] dep London Old Oak for Block1
18:25:42 London Old Oak Signal Turns Green
18:25:47 HS2 [Train 117] dep London Old Oak (DEPOT) for London Old Oak
18:25:49 HS2 [Train 103] arr London Old Oak (DEPOT)
18:25:49 London Old Oak (DEPOT) Signal Turns Red
18:26:07 HS2 [Train 117] arr London Old Oak
18:26:07 London Old Oak Signal Turns Red
18:27:01 HS2 [Train 104] arr Block13
18:27:01 Block13 Signal Turns Red
18:27:06 HS2 [Train 104] dep Block13 for Block14
18:27:11 Block13 Signal Turns Green
18:28:03 HS2 [Train 105 ] arr Block12
18:28:03 Block12 Signal Turns Red
18:28:08 HS2 [Train 105] dep Block12 for Block13
18:28:13 Block12 Signal Turns Green
18:28:26 HS2 [Train 108] arr Block9
18:28:26 Block9 Signal Turns Red
18:28:46 HS2 [Train 109 ] arr Block8
18:28:46 Block8 Signal Turns Red
18:28:57 HS2 [Train 110 ] arr Block7
18:28:57 Block7 Signal Turns Red
18:29:11 HS2 [Train 112 ] arr Block5
18:29:11 Block5 Signal Turns Red
18:29:20 HS2 [Train 113 ] arr Block4
18:29:20 Block4 Signal Turns Red
18:29:20 HS2 [Train 106] arr Block11
18:29:20 Block11 Signal Turns Red
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18:29:25 HS2 [Train 106 ] dep Block11 for Block12
18:29:30 Block11 Signal Turns Green
18:29:44 HS2 [Train 107] arr Block10
18:29:44 Block10 Signal Turns Red
18:29:47 HS2 [Train 116] arr Block1
18:29:47 Block1 Signal Turns Red
18:29:47 HS2 [Train 114] arr Block3
18:29:47 Block3 Signal Turns Red
18:29:49 HS2 [Train 107] dep Block10 for Block11
18:29:49 HS2 [Train 111 ] arr Block6
18:29:49 Block6 Signal Turns Red
18:29:54 Block10 Signal Turns Green
18:29:59 HS2 [Train 108] dep Block9 for Block10
18:29:59 HS2 [Train 115] arr Block2
18:29:59 Block2 Signal Turns Red
18:30:04 Block9 Signal Turns Green
18:30:09 HS2 [Train 109] dep Block8 for Block9
18:30:14 Block8 Signal Turns Green
18:30:19 HS2 [Train 110 ] dep Block7 for Block8
18:30:24 Block7 Signal Turns Green
18:30:29 HS2 [Train 111 ] dep Block6 for Block7
18:30:34 Block6 Signal Turns Green
18:30:39 HS2 [Train 112 ] dep Block5 for Block6
18:30:44 Block5 Signal Turns Green
18:30:49 HS2 [Train 113] dep Block4 for Block5
18:30:54 Block4 Signal Turns Green
18:30:59 HS2 [Train 114 ] dep Block3 for Block4
18:31:04 Block3 Signal Turns Green
18:31:09 HS2 [Train 115 ] dep Block2 for Block3
18:31:14 Block2 Signal Turns Green
18:31:15 HS2 [Train 104] arr Block14
18:31:15 Block14 Signal Turns Red
18:31:19 HS2 [Train 116] dep Block1 for Block2
18:31:20 HS2 [Train 104] dep Block14 for London Old Oak (DEPOT)
18:31:24 Block1 Signal Turns Green
18:31:25 Block14 Signal Turns Green
18:31:29 HS2 [Train 117] dep London Old Oak for Block1
18:31:34 London Old Oak Signal Turns Green
18:31:39 HS2 [Train 118] dep London Old Oak (DEPOT) for London Old Oak
18:31:40 HS2 [Train 104] arr London Old Oak (DEPOT)
18:31:40 London Old Oak (DEPOT) Signal Turns Red
18:31:59 HS2 [Train 118] arr London Old Oak
18:31:59 London Old Oak Signal Turns Red
18:32:53 HS2 [Train 105] arr Block13
18:32:53 Block13 Signal Turns Red
18:32:58 HS2 [Train 105] dep Block13 for Block14
18:33:03 Block13 Signal Turns Green
18:33:55 HS2 [Train 106] arr Block12
18:33:55 Block12 Signal Turns Red
18:34:00 HS2 [Train 106] dep Block12 for Block13
18:34:05 Block12 Signal Turns Green
18:34:18 HS2 [Train 109] arr Block9
18:34:18 Block9 Signal Turns Red
18:34:38 HS2 [Train 110 ] arr Block8
18:34:38 Block8 Signal Turns Red
18:34:49 HS2 [Train 111 ] arr Block7
18:34:49 Block7 Signal Turns Red
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18:35:03 HS2 [Train 113 ] arr Block5
18:35:03 Block5 Signal Turns Red
18:35:11 HS2 [Train 114] arr Block4
18:35:11 Block4 Signal Turns Red
18:35:12 HS2 [Train 107] arr Block11
18:35:12 Block11 Signal Turns Red
18:35:17 HS2 [Train 107 ] dep Block11 for Block12
18:35:22 Block11 Signal Turns Green
18:35:35 HS2 [Train 108] arr Block10
18:35:35 Block10 Signal Turns Red
18:35:38 HS2 [Train 117] arr Block1
18:35:38 Block1 Signal Turns Red
18:35:39 HS2 [Train 115] arr Block3
18:35:39 Block3 Signal Turns Red
18:35:40 HS2 [Train 108] dep Block10 for Block11
18:35:40 HS2 [Train 112] arr Block6
18:35:40 Block6 Signal Turns Red
18:35:45 Block10 Signal Turns Green
18:35:50 HS2 [Train 109 ] dep Block9 for Block10
18:35:51 HS2 [Train 116 ] arr Block2
18:35:51 Block2 Signal Turns Red
18:35:55 Block9 Signal Turns Green
18:36:00 HS2 [Train 110] dep Block8 for Block9
18:36:05 Block8 Signal Turns Green
18:36:10 HS2 [Train 111 ] dep Block7 for Block8
18:36:15 Block7 Signal Turns Green
18:36:20 HS2 [Train 112 ] dep Block6 for Block7
18:36:25 Block6 Signal Turns Green
18:36:30 HS2 [Train 113] dep Block5 for Block6
18:36:35 Block5 Signal Turns Green
18:36:40 HS2 [Train 114] dep Block4 for Block5
18:36:45 Block4 Signal Turns Green
18:36:50 HS2 [Train 115] dep Block3 for Block4
18:36:55 Block3 Signal Turns Green
18:37:00 HS2 [Train 116] dep Block2 for Block3
18:37:05 Block2 Signal Turns Green
18:37:07 HS2 [Train 105] arr Block14
18:37:07 Block14 Signal Turns Red
18:37:10 HS2 [Train 117 ] dep Block1 for Block2
18:37:12 HS2 [Train 105] dep Block14 for London Old Oak (DEPOT)
18:37:15 Block1 Signal Turns Green
18:37:17 Block14 Signal Turns Green
18:37:20 HS2 [Train 118] dep London Old Oak for Block1
18:37:25 London Old Oak Signal Turns Green
18:37:30 HS2 [Train 119] dep London Old Oak (DEPOT) for London Old Oak
18:37:32 HS2 [Train 105] arr London Old Oak (DEPOT)
18:37:32 London Old Oak (DEPOT) Signal Turns Red
18:37:50 HS2 [Train 119 ] arr London Old Oak
18:37:50 London Old Oak Signal Turns Red
18:38:44 HS2 [Train 106] arr Block13
18:38:44 Block13 Signal Turns Red
18:38:49 HS2 [Train 106] dep Block13 for Block14
18:38:54 Block13 Signal Turns Green
18:39:46 HS2 [Train 107] arr Block12
18:39:46 Block12 Signal Turns Red
18:39:51 HS2 [Train 107] dep Block12 for Block13
18:39:56 Block12 Signal Turns Green
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18:40:10 HS2 [Train 110 ] arr Block9
18:40:10 Block9 Signal Turns Red
18:40:30 HS2 [Train 111 ] arr Block8
18:40:30 Block8 Signal Turns Red
18:40:40 HS2 [Train 112] arr Block7
18:40:40 Block7 Signal Turns Red
18:40:54 HS2 [Train 114] arr Block5
18:40:54 Block5 Signal Turns Red
18:41:03 HS2 [Train 115] arr Block4
18:41:03 Block4 Signal Turns Red
18:41:04 HS2 [Train 108] arr Block11
18:41:04 Block11 Signal Turns Red
18:41:09 HS2 [Train 108 ] dep Block11 for Block12
18:41:14 Block11 Signal Turns Green
18:41:27 HS2 [Train 109] arr Block10
18:41:27 Block10 Signal Turns Red
18:41:30 HS2 [Train 118 ] arr Block1
18:41:30 Block1 Signal Turns Red
18:41:31 HS2 [Train 116] arr Block3
18:41:31 Block3 Signal Turns Red
18:41:32 HS2 [Train 109 ] dep Block10 for Block11
18:41:32 HS2 [Train 113] arr Block6
18:41:32 Block6 Signal Turns Red
18:41:37 Block10 Signal Turns Green
18:41:42 HS2 [Train 110 ] dep Block9 for Block10
18:41:42 HS2 [Train 117] arr Block2
18:41:42 Block2 Signal Turns Red
18:41:47 Block9 Signal Turns Green
18:41:52 HS2 [Train 111 ] dep Block8 for Block9
18:41:57 Block8 Signal Turns Green
18:42:02 HS2 [Train 112 ] dep Block7 for Block8
18:42:07 Block7 Signal Turns Green
18:42:12 HS2 [Train 113 ] dep Block6 for Block7
18:42:17 Block6 Signal Turns Green
18:42:22 HS2 [Train 114] dep Block5 for Block6
18:42:27 Block 5 Signal Turns Green
18:42:32 HS2 [Train 115 ] dep Block4 for Block5
18:42:37 Block4 Signal Turns Green
18:42:42 HS2 [Train 116] dep Block3 for Block4
18:42:47 Block3 Signal Turns Green
18:42:52 HS2 [Train 117 ] dep Block2 for Block3
18:42:57 Block2 Signal Turns Green
18:42:59 HS2 [Train 106] arr Block14
18:42:59 Block14 Signal Turns Red
18:43:02 HS2 [Train 118 ] dep Block1 for Block2
18:43:04 HS2 [Train 106 ] dep Block14 for London Old Oak (DEPOT)
18:43:07 Block1 Signal Turns Green
18:43:09 Block14 Signal Turns Green
18:43:12 HS2 [Train 119] dep London Old Oak for Block1
18:43:17 London Old Oak Signal Turns Green
18:43:22 HS2 [Train 120 ] dep London Old Oak (DEPOT) for London Old Oak
18:43:24 HS2 [Train 106] arr London Old Oak (DEPOT)
18:43:24 London Old Oak (DEPOT) Signal Turns Red
18:43:42 HS2 [Train 120] arr London Old Oak
18:43:42 London Old Oak Signal Turns Red
18:44:36 HS2 [Train 107] arr Block13
18:44:36 Block13 Signal Turns Red
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18:44:41 HS2 [Train 107] dep Block13 for Block14 18:44:46 Block13 Signal Turns Green 18:45:38 HS2 [Train 108] arr Block12 18:45:38 Block12 Signal Turns Red 18:45:43 HS2 [Train 108] dep Block12 for Block13 18:45:48 Block12 Signal Turns Green 18:46:01 HS2 [Train 111] arr Block9 18:46:01 Block9 Signal Turns Red 18:46:21 HS2 [Train 112] arr Block8 18:46:21 Block8 Signal Turns Red 18:46:32 HS2 [Train 113] arr Block7 18:46:32 Block7 Signal Turns Red 18:46:46 HS2 [Train 115] arr Block5 18:46:46 Block5 Signal Turns Red 18:46:54 HS2 [Train 116] arr Block4 18:46:54 Block4 Signal Turns Red 18:46:55 HS2 [Train 109] arr Block11 18:46:55 Block11 Signal Turns Red 18:47:00 HS2 [Train 109] dep Block11 for Block12 18:47:05 Block11 Signal Turns Green 18:47:18 HS2 [Train 110] arr Block10 18:47:18 Block10 Signal Turns Red 18:47:21 HS2 [Train 119] arr Block1 18:47:21 Block1 Signal Turns Red 18:47:22 HS2 [Train 117] arr Block3 18:47:22 Block3 Signal Turns Red 18:47:23 HS2 [Train 110] dep Block10 for Block11 18:47:24 HS2 [Train 114] arr Block6 18:47:24 Block6 Signal Turns Red 18:47:28 Block10 Signal Turns Green 18:47:33 HS2 [Train 111] dep Block9 for Block10 18:47:34 HS2 [Train 118] arr Block2 18:47:34 Block2 Signal Turns Red 18:47:38 Block9 Signal Turns Green 18:47:43 HS2 [Train 112] dep Block8 for Block9 18:47:48 Block8 Signal Turns Green 18:47:53 HS2 [Train 113] dep Block7 for Block8 18:47:58 Block7 Signal Turns Green 18:48:03 HS2 [Train 114] dep Block6 for Block7 18:48:08 Block6 Signal Turns Green 18:48:13 HS2 [Train 115] dep Block5 for Block6 18:48:18 Block 5 Signal Turns Green 18:48:23 HS2 [Train 116] dep Block4 for Block5 18:48:28 Block4 Signal Turns Green 18:48:33 HS2 [Train 117] dep Block3 for Block4 18:48:38 Block3 Signal Turns Green 18:48:43 HS2 [Train 118] dep Block2 for Block3 18:48:48 Block2 Signal Turns Green 18:48:50 HS2 [Train 107] arr Block14 18:48:50 Block14 Signal Turns Red 18:48:53 HS2 [Train 119] dep Block1 for Block2 18:48:55 HS2 [Train 107] dep Block14 for London Old Oak (DEPOT) 18:48:58 Block1 Signal Turns Green 18:49:00 Block14 Signal Turns Green 18:49:03 HS2 [Train 120] dep London Old Oak for Block1 18:49:08 London Old Oak Signal Turns Green 18:49:13 HS2 [Train 121] dep London Old Oak (DEPOT) for London Old Oak 18:49:15 HS2 [Train 107] arr London Old Oak (DEPOT) 18:49:15 London Old Oak (DEPOT) Signal Turns Red 18:49:33 HS2 [Train 121] arr London Old Oak 18:49:33 London Old Oak Signal Turns Red 18:50:27 HS2 [Train 108] arr Block13 18:50:27 Block13 Signal Turns Red 18:50:32 HS2 [Train 108] dep Block13 for Block14 18:50:37 Block13 Signal Turns Green 18:51:30 HS2 [Train 109] arr Block12 18:51:30 Block12 Signal Turns Red 18:51:35 HS2 [Train 109] dep Block12 for Block13 18:51:40 Block12 Signal Turns Green 18:51:53 HS2 [Train 112] arr Block9 18:51:53 Block9 Signal Turns Red 18:52:13 HS2 [Train 113] arr Block8 18:52:13 Block8 Signal Turns Red 18:52:23 HS2 [Train 114] arr Block7 18:52:23 Block7 Signal Turns Red 18:52:37 HS2 [Train 116] arr Block5 18:52:37 Block5 Signal Turns Red 18:52:46 HS2 [Train 117] arr Block4 18:52:46 Block4 Signal Turns Red 18:52:47 HS2 [Train 110] arr Block11 18:52:47 Block11 Signal Turns Red 18:52:52 HS2 [Train 110] dep Block11 for Block12 18:52:57 Block11 Signal Turns Green 18:53:10 HS2 [Train 111] arr Block10 18:53:10 Block10 Signal Turns Red 18:53:13 HS2 [Train 120] arr Block1 18:53:13 Block1 Signal Turns Red 18:53:14 HS2 [Train 118] arr Block3 18:53:14 Block3 Signal Turns Red 18:53:15 HS2 [Train 111] dep Block10 for Block11 18:53:15 HS2 [Train 115] arr Block6 18:53:15 Block6 Signal Turns Red 18:53:20 Block10 Signal Turns Green 18:53:25 HS2 [Train 112] dep Block9 for Block10 18:53:25 HS2 [Train 119] arr Block2 18:53:25 Block2 Signal Turns Red 18:53:30 Block9 Signal Turns Green 18:53:35 HS2 [Train 113] dep Block8 for Block9 18:53:40 Block8 Signal Turns Green 18:53:45 HS2 [Train 114] dep Block7 for Block8 18:53:50 Block7 Signal Turns Green 18:53:55 HS2 [Train 115] dep Block6 for Block7 18:54:00 Block6 Signal Turns Green 18:54:05 HS2 [Train 116] dep Block5 for Block6 18:54:10 Block5 Signal Turns Green 18:54:15 HS2 [Train 117] dep Block4 for Block5 18:54:20 Block4 Signal Turns Green 18:54:25 HS2 [Train 118] dep Block3 for Block4 18:54:30 Block3 Signal Turns Green 18:54:35 HS2 [Train 119] dep Block2 for Block3 18:54:40 Block2 Signal Turns Green 18:54:42 HS2 [Train 108] arr Block14 18:54:42 Block14 Signal Turns Red

18:54:45 HS2 [Train 120] dep Block1 for Block2

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18:54:47 HS2 [Train 108] dep Block14 for London Old Oak (DEPOT)
18:54:50 Block1 Signal Turns Green
18:54:52 Block14 Signal Turns Green
18:54:55 HS2 [Train 121] dep London Old Oak for Block1
18:55:00 London Old Oak Signal Turns Green
18:55:05 HS2 [Train 122 ] dep London Old Oak (DEPOT) for London Old Oak
18:55:07 HS2 [Train 108] arr London Old Oak (DEPOT)
18:55:07 London Old Oak (DEPOT) Signal Turns Red
18:55:25 HS2 [Train 122] arr London Old Oak
18:55:25 London Old Oak Signal Turns Red
18:56:19 HS2 [Train 109] arr Block13
18:56:19 Block13 Signal Turns Red
18:56:24 HS2 [Train 109] dep Block13 for Block14
18:56:29 Block13 Signal Turns Green
18:57:21 HS2 [Train 110 ] arr Block12
18:57:21 Block12 Signal Turns Red
18:57:26 HS2 [Train 110 ] dep Block12 for Block13
18:57:31 Block12 Signal Turns Green
18:57:44 HS2 [Train 113 ] arr Block9
18:57:44 Block9 Signal Turns Red
18:58:04 HS2 [Train 114] arr Block8
18:58:04 Block8 Signal Turns Red
18:58:15 HS2 [Train 115] arr Block7
18:58:15 Block7 Signal Turns Red
18:58:29 HS2 [Train 117] arr Block5
18:58:29 Block 5 Signal Turns Red
18:58:37 HS2 [Train 118] arr Block4
18:58:37 Block4 Signal Turns Red
18:58:38 HS2 [Train 111] arr Block11
18:58:38 Block11 Signal Turns Red
18:58:43 HS2 [Train 111 ] dep Block11 for Block12
18:58:48 Block11 Signal Turns Green
18:59:02 HS2 [Train 112 ] arr Block10
18:59:02 Block10 Signal Turns Red
18:59:04 HS2 [Train 121] arr Block1
18:59:04 Block1 Signal Turns Red
18:59:05 HS2 [Train 119] arr Block3
18:59:05 Block3 Signal Turns Red
18:59:07 HS2 [Train 112 ] dep Block10 for Block11
18:59:07 HS2 [Train 116] arr Block6
18:59:07 Block6 Signal Turns Red
18:59:12 Block10 Signal Turns Green
18:59:17 HS2 [Train 113 ] dep Block9 for Block10
18:59:17 HS2 [Train 120 ] arr Block2
18:59:17 Block2 Signal Turns Red
18:59:22 Block9 Signal Turns Green
18:59:27 HS2 [Train 114] dep Block8 for Block9
18:59:32 Block8 Signal Turns Green
18:59:37 HS2 [Train 115 ] dep Block7 for Block8
18:59:42 Block7 Signal Turns Green
18:59:47 HS2 [Train 116] dep Block6 for Block7
18:59:52 Block6 Signal Turns Green
18:59:57 HS2 [Train 117 ] dep Block5 for Block6
19:00:02 Block5 Signal Turns Green
19:00:07 HS2 [Train 118] dep Block4 for Block5
19:00:12 Block4 Signal Turns Green
19:00:17 HS2 [Train 119] dep Block3 for Block4
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19:00:22 Block3 Signal Turns Green
19:00:27 HS2 [Train 120 ] dep Block2 for Block3
19:00:32 Block2 Signal Turns Green
19:00:33 HS2 [Train 109] arr Block14
19:00:33 Block14 Signal Turns Red
19:00:37 HS2 [Train 121] dep Block1 for Block2
19:00:38 HS2 [Train 109] dep Block14 for London Old Oak (DEPOT)
19:00:42 Block1 Signal Turns Green
19:00:43 Block14 Signal Turns Green
19:00:47 HS2 [Train 122 ] dep London Old Oak for Block1
19:00:52 London Old Oak Signal Turns Green
19:00:57 HS2 [Train 123 ] dep London Old Oak (DEPOT) for London Old Oak
19:00:58 HS2 [Train 109] arr London Old Oak (DEPOT)
19:00:58 London Old Oak (DEPOT) Signal Turns Red
19:01:17 HS2 [Train 123 ] arr London Old Oak
19:01:17 London Old Oak Signal Turns Red
19:02:10 HS2 [Train 110 ] arr Block13
19:02:10 Block13 Signal Turns Red
19:02:15 HS2 [Train 110 ] dep Block13 for Block14
19:02:20 Block13 Signal Turns Green
19:03:13 HS2 [Train 111 ] arr Block12
19:03:13 Block12 Signal Turns Red
19:03:18 HS2 [Train 111 ] dep Block12 for Block13
19:03:23 Block12 Signal Turns Green
19:03:36 HS2 [Train 114] arr Block9
19:03:36 Block9 Signal Turns Red
19:03:56 HS2 [Train 115 ] arr Block8
19:03:56 Block8 Signal Turns Red
19:04:07 HS2 [Train 116] arr Block7
19:04:07 Block7 Signal Turns Red
19:04:20 HS2 [Train 118] arr Block5
19:04:20 Block5 Signal Turns Red
19:04:29 HS2 [Train 119] arr Block4
19:04:29 Block4 Signal Turns Red
19:04:30 HS2 [Train 112 ] arr Block11
19:04:30 Block11 Signal Turns Red
19:04:35 HS2 [Train 112 ] dep Block11 for Block12
19:04:40 Block11 Signal Turns Green
19:04:53 HS2 [Train 113 ] arr Block10
19:04:53 Block10 Signal Turns Red
19:04:56 HS2 [Train 122 ] arr Block1
19:04:56 Block1 Signal Turns Red
19:04:57 HS2 [Train 120 ] arr Block3
19:04:57 Block3 Signal Turns Red
19:04:58 HS2 [Train 113 ] dep Block10 for Block11
19:04:58 HS2 [Train 117] arr Block6
19:04:58 Block6 Signal Turns Red
19:05:03 Block10 Signal Turns Green
19:05:08 HS2 [Train 114 ] dep Block9 for Block10
19:05:08 HS2 [Train 121] arr Block2
19:05:08 Block2 Signal Turns Red
19:05:13 Block9 Signal Turns Green
19:05:18 HS2 [Train 115 ] dep Block8 for Block9
19:05:23 Block8 Signal Turns Green
19:05:28 HS2 [Train 116 ] dep Block7 for Block8
19:05:33 Block7 Signal Turns Green
19:05:38 HS2 [Train 117] dep Block6 for Block7
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19:05:43 Block6 Signal Turns Green
19:05:48 HS2 [Train 118 ] dep Block5 for Block6
19:05:53 Block5 Signal Turns Green
19:05:58 HS2 [Train 119] dep Block4 for Block5
19:06:03 Block4 Signal Turns Green
19:06:08 HS2 [Train 120 ] dep Block3 for Block4
19:06:13 Block3 Signal Turns Green
19:06:18 HS2 [Train 121] dep Block2 for Block3
19:06:23 Block2 Signal Turns Green
19:06:25 HS2 [Train 110 ] arr Block14
19:06:25 Block14 Signal Turns Red
19:06:28 HS2 [Train 122 ] dep Block1 for Block2
19:06:30 HS2 [Train 110 ] dep Block14 for London Old Oak (DEPOT)
19:06:33 Block1 Signal Turns Green
19:06:35 Block14 Signal Turns Green
19:06:38 HS2 [Train 123 ] dep London Old Oak for Block1
19:06:43 London Old Oak Signal Turns Green
19:06:48 HS2 [Train 124 ] dep London Old Oak (DEPOT) for London Old Oak
19:06:50 HS2 [Train 110 ] arr London Old Oak (DEPOT)
19:06:50 London Old Oak (DEPOT) Signal Turns Red
19:07:08 HS2 [Train 124] arr London Old Oak
19:07:08 London Old Oak Signal Turns Red
19:08:02 HS2 [Train 111 ] arr Block13
19:08:02 Block13 Signal Turns Red
19:08:07 HS2 [Train 111] dep Block13 for Block14
19:08:12 Block13 Signal Turns Green
19:09:04 HS2 [Train 112] arr Block12
19:09:04 Block12 Signal Turns Red
19:09:09 HS2 [Train 112 ] dep Block12 for Block13
19:09:14 Block12 Signal Turns Green
19:09:28 HS2 [Train 115] arr Block9
19:09:28 Block9 Signal Turns Red
19:09:47 HS2 [Train 116] arr Block8
19:09:47 Block8 Signal Turns Red
19:09:58 HS2 [Train 117] arr Block7
19:09:58 Block7 Signal Turns Red
19:10:12 HS2 [Train 119] arr Block5
19:10:12 Block5 Signal Turns Red
19:10:21 HS2 [Train 120 ] arr Block4
19:10:21 Block4 Signal Turns Red
19:10:22 HS2 [Train 113 ] arr Block11
19:10:22 Block11 Signal Turns Red
19:10:27 HS2 [Train 113 ] dep Block11 for Block12
19:10:32 Block11 Signal Turns Green
19:10:45 HS2 [Train 114] arr Block10
19:10:45 Block10 Signal Turns Red
19:10:48 HS2 [Train 123] arr Block1
19:10:48 Block1 Signal Turns Red
19:10:48 HS2 [Train 121] arr Block3
19:10:48 Block3 Signal Turns Red
19:10:50 HS2 [Train 114] dep Block10 for Block11
19:10:50 HS2 [Train 118] arr Block6
19:10:50 Block6 Signal Turns Red
19:10:55 Block10 Signal Turns Green
19:11:00 HS2 [Train 115 ] dep Block9 for Block10
19:11:00 HS2 [Train 122 ] arr Block2
19:11:00 Block2 Signal Turns Red
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x18203621_MSO_CA1_Code
19:11:05 Block9 Signal Turns Green
19:11:10 HS2 [Train 116 ] dep Block8 for Block9
19:11:15 Block8 Signal Turns Green
19:11:20 HS2 [Train 117 ] dep Block7 for Block8
19:11:25 Block7 Signal Turns Green
19:11:30 HS2 [Train 118 ] dep Block6 for Block7
19:11:35 Block6 Signal Turns Green
19:11:40 HS2 [Train 119 ] dep Block5 for Block6
19:11:45 Block5 Signal Turns Green
19:11:50 HS2 [Train 120 ] dep Block4 for Block5
19:11:55 Block4 Signal Turns Green
19:12:00 HS2 [Train 121] dep Block3 for Block4
19:12:05 Block3 Signal Turns Green
19:12:10 HS2 [Train 122 ] dep Block2 for Block3
19:12:15 Block2 Signal Turns Green
19:12:16 HS2 [Train 111] arr Block14
19:12:16 Block14 Signal Turns Red
19:12:20 HS2 [Train 123 ] dep Block1 for Block2
19:12:21 HS2 [Train 111] dep Block14 for London Old Oak (DEPOT)
19:12:25 Block1 Signal Turns Green
19:12:26 Block14 Signal Turns Green
19:12:30 HS2 [Train 124] dep London Old Oak for Block1
19:12:35 London Old Oak Signal Turns Green
19:12:40 HS2 [Train 125] dep London Old Oak (DEPOT) for London Old Oak
19:12:41 HS2 [Train 111] arr London Old Oak (DEPOT)
19:12:41 London Old Oak (DEPOT) Signal Turns Red
19:13:00 HS2 [Train 125] arr London Old Oak
19:13:00 London Old Oak Signal Turns Red
19:13:54 HS2 [Train 112 ] arr Block13
19:13:54 Block13 Signal Turns Red
19:13:59 HS2 [Train 112 ] dep Block13 for Block14
19:14:04 Block13 Signal Turns Green
19:14:56 HS2 [Train 113 ] arr Block12
19:14:56 Block12 Signal Turns Red
19:15:01 HS2 [Train 113 ] dep Block12 for Block13
19:15:06 Block12 Signal Turns Green
19:15:19 HS2 [Train 116] arr Block9
19:15:19 Block9 Signal Turns Red
19:15:39 HS2 [Train 117] arr Block8
19:15:39 Block8 Signal Turns Red
19:15:50 HS2 [Train 118] arr Block7
19:15:50 Block7 Signal Turns Red
19:16:04 HS2 [Train 120 ] arr Block5
19:16:04 Block5 Signal Turns Red
19:16:12 HS2 [Train 121] arr Block4
19:16:12 Block4 Signal Turns Red
19:16:13 HS2 [Train 114] arr Block11
19:16:13 Block11 Signal Turns Red
19:16:18 HS2 [Train 114 ] dep Block11 for Block12
19:16:23 Block11 Signal Turns Green
19:16:36 HS2 [Train 115] arr Block10
19:16:36 Block10 Signal Turns Red
19:16:39 HS2 [Train 124] arr Block1
19:16:39 Block1 Signal Turns Red
19:16:40 HS2 [Train 122] arr Block3
19:16:40 Block3 Signal Turns Red
19:16:41 HS2 [Train 115] dep Block10 for Block11
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19:16:41 HS2 [Train 119] arr Block6
19:16:41 Block6 Signal Turns Red
19:16:46 Block10 Signal Turns Green
19:16:51 HS2 [Train 116] dep Block9 for Block10
19:16:52 HS2 [Train 123 ] arr Block2
19:16:52 Block2 Signal Turns Red
19:16:56 Block9 Signal Turns Green
19:17:01 HS2 [Train 117] dep Block8 for Block9
19:17:06 Block8 Signal Turns Green
19:17:11 HS2 [Train 118 ] dep Block7 for Block8
19:17:16 Block7 Signal Turns Green
19:17:21 HS2 [Train 119] dep Block6 for Block7
19:17:26 Block6 Signal Turns Green
19:17:31 HS2 [Train 120 ] dep Block5 for Block6
19:17:36 Block5 Signal Turns Green
19:17:41 HS2 [Train 121] dep Block4 for Block5
19:17:46 Block4 Signal Turns Green
19:17:51 HS2 [Train 122 ] dep Block3 for Block4
19:17:56 Block3 Signal Turns Green
19:18:01 HS2 [Train 123 ] dep Block2 for Block3
19:18:06 Block2 Signal Turns Green
19:18:08 HS2 [Train 112] arr Block14
19:18:08 Block14 Signal Turns Red
19:18:11 HS2 [Train 124 ] dep Block1 for Block2
19:18:13 HS2 [Train 112] dep Block14 for London Old Oak (DEPOT)
19:18:16 Block1 Signal Turns Green
19:18:18 Block14 Signal Turns Green
19:18:21 HS2 [Train 125] dep London Old Oak for Block1
19:18:26 London Old Oak Signal Turns Green
19:18:31 HS2 [Train 126] dep London Old Oak (DEPOT) for London Old Oak
19:18:33 HS2 [Train 112] arr London Old Oak (DEPOT)
19:18:33 London Old Oak (DEPOT) Signal Turns Red
19:18:51 HS2 [Train 126] arr London Old Oak
19:18:51 London Old Oak Signal Turns Red
19:19:45 HS2 [Train 113] arr Block13
19:19:45 Block13 Signal Turns Red
19:19:50 HS2 [Train 113 ] dep Block13 for Block14
19:19:55 Block13 Signal Turns Green
19:20:47 HS2 [Train 114 ] arr Block12
19:20:47 Block12 Signal Turns Red
19:20:52 HS2 [Train 114] dep Block12 for Block13
19:20:57 Block12 Signal Turns Green
19:21:11 HS2 [Train 117] arr Block9
19:21:11 Block9 Signal Turns Red
19:21:31 HS2 [Train 118 ] arr Block8
19:21:31 Block8 Signal Turns Red
19:21:41 HS2 [Train 119] arr Block7
19:21:41 Block7 Signal Turns Red
19:21:55 HS2 [Train 121] arr Block5
19:21:55 Block5 Signal Turns Red
19:22:04 HS2 [Train 122] arr Block4
19:22:04 Block4 Signal Turns Red
19:22:05 HS2 [Train 115] arr Block11
19:22:05 Block11 Signal Turns Red
19:22:10 HS2 [Train 115] dep Block11 for Block12
19:22:15 Block11 Signal Turns Green
19:22:28 HS2 [Train 116 ] arr Block10
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19:22:28 Block10 Signal Turns Red
19:22:31 HS2 [Train 125] arr Block1
19:22:31 Block1 Signal Turns Red
19:22:32 HS2 [Train 123 ] arr Block3
19:22:32 Block3 Signal Turns Red
19:22:33 HS2 [Train 116 ] dep Block10 for Block11
19:22:33 HS2 [Train 120 ] arr Block6
19:22:33 Block6 Signal Turns Red
19:22:38 Block10 Signal Turns Green
19:22:43 HS2 [Train 117] dep Block9 for Block10
19:22:43 HS2 [Train 124] arr Block2
19:22:43 Block2 Signal Turns Red
19:22:48 Block9 Signal Turns Green
19:22:53 HS2 [Train 118] dep Block8 for Block9
19:22:58 Block8 Signal Turns Green
19:23:03 HS2 [Train 119 ] dep Block7 for Block8
19:23:08 Block7 Signal Turns Green
19:23:13 HS2 [Train 120 ] dep Block6 for Block7
19:23:18 Block6 Signal Turns Green
19:23:23 HS2 [Train 121] dep Block5 for Block6
19:23:28 Block5 Signal Turns Green
19:23:33 HS2 [Train 122 ] dep Block4 for Block5
19:23:38 Block4 Signal Turns Green
19:23:43 HS2 [Train 123 ] dep Block3 for Block4
19:23:48 Block3 Signal Turns Green
19:23:53 HS2 [Train 124] dep Block2 for Block3
19:23:58 Block2 Signal Turns Green
19:24:00 HS2 [Train 113] arr Block14
19:24:00 Block14 Signal Turns Red
19:24:03 HS2 [Train 125 ] dep Block1 for Block2
19:24:05 HS2 [Train 113 ] dep Block14 for London Old Oak (DEPOT)
19:24:08 Block1 Signal Turns Green
19:24:10 Block14 Signal Turns Green
19:24:13 HS2 [Train 126 ] dep London Old Oak for Block1
19:24:18 London Old Oak Signal Turns Green
19:24:23 HS2 [Train 127] dep London Old Oak (DEPOT) for London Old Oak
19:24:25 HS2 [Train 113] arr London Old Oak (DEPOT)
19:24:25 London Old Oak (DEPOT) Signal Turns Red
19:24:43 HS2 [Train 127] arr London Old Oak
19:24:43 London Old Oak Signal Turns Red
19:25:37 HS2 [Train 114] arr Block13
19:25:37 Block13 Signal Turns Red
19:25:42 HS2 [Train 114 ] dep Block13 for Block14
19:25:47 Block13 Signal Turns Green
19:26:39 HS2 [Train 115 ] arr Block12
19:26:39 Block12 Signal Turns Red
19:26:44 HS2 [Train 115 ] dep Block12 for Block13
19:26:49 Block12 Signal Turns Green
19:27:02 HS2 [Train 118] arr Block9
19:27:02 Block9 Signal Turns Red
19:27:22 HS2 [Train 119 ] arr Block8
19:27:22 Block8 Signal Turns Red
19:27:33 HS2 [Train 120 ] arr Block7
19:27:33 Block7 Signal Turns Red
19:27:47 HS2 [Train 122 ] arr Block5
19:27:47 Block5 Signal Turns Red
19:27:55 HS2 [Train 123] arr Block4
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19:27:55 Block4 Signal Turns Red
19:27:56 HS2 [Train 116] arr Block11
19:27:56 Block11 Signal Turns Red
19:28:01 HS2 [Train 116] dep Block11 for Block12
19:28:06 Block11 Signal Turns Green
19:28:20 HS2 [Train 117] arr Block10
19:28:20 Block10 Signal Turns Red
19:28:22 HS2 [Train 126] arr Block1
19:28:22 Block1 Signal Turns Red
19:28:23 HS2 [Train 124] arr Block3
19:28:23 Block3 Signal Turns Red
19:28:25 HS2 [Train 117 ] dep Block10 for Block11
19:28:25 HS2 [Train 121] arr Block6
19:28:25 Block6 Signal Turns Red
19:28:30 Block10 Signal Turns Green
19:28:35 HS2 [Train 118 ] dep Block9 for Block10
19:28:35 HS2 [Train 125] arr Block2
19:28:35 Block2 Signal Turns Red
19:28:40 Block9 Signal Turns Green
19:28:45 HS2 [Train 119 ] dep Block8 for Block9
19:28:50 Block8 Signal Turns Green
19:28:55 HS2 [Train 120 ] dep Block7 for Block8
19:29:00 Block7 Signal Turns Green
19:29:05 HS2 [Train 121] dep Block6 for Block7
19:29:10 Block6 Signal Turns Green
19:29:15 HS2 [Train 122 ] dep Block5 for Block6
19:29:20 Block5 Signal Turns Green
19:29:25 HS2 [Train 123 ] dep Block4 for Block5
19:29:30 Block4 Signal Turns Green
19:29:35 HS2 [Train 124] dep Block3 for Block4
19:29:40 Block3 Signal Turns Green
19:29:45 HS2 [Train 125] dep Block2 for Block3
19:29:50 Block2 Signal Turns Green
19:29:51 HS2 [Train 114] arr Block14
19:29:51 Block14 Signal Turns Red
19:29:55 HS2 [Train 126] dep Block1 for Block2
19:29:56 HS2 [Train 114] dep Block14 for London Old Oak (DEPOT)
19:30:00 Block1 Signal Turns Green
19:30:01 Block14 Signal Turns Green
19:30:05 HS2 [Train 127] dep London Old Oak for Block1
19:30:10 London Old Oak Signal Turns Green
19:30:15 HS2 [Train 128] dep London Old Oak (DEPOT) for London Old Oak
19:30:16 HS2 [Train 114] arr London Old Oak (DEPOT)
19:30:16 London Old Oak (DEPOT) Signal Turns Red
19:30:35 HS2 [Train 128] arr London Old Oak
19:30:35 London Old Oak Signal Turns Red
19:31:28 HS2 [Train 115] arr Block13
19:31:28 Block13 Signal Turns Red
19:31:33 HS2 [Train 115 ] dep Block13 for Block14
19:31:38 Block13 Signal Turns Green
19:32:31 HS2 [Train 116 ] arr Block12
19:32:31 Block12 Signal Turns Red
19:32:36 HS2 [Train 116 ] dep Block12 for Block13
19:32:41 Block12 Signal Turns Green
19:32:54 HS2 [Train 119 ] arr Block9
19:32:54 Block9 Signal Turns Red
19:33:14 HS2 [Train 120 ] arr Block8
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19:33:14 Block8 Signal Turns Red
19:33:24 HS2 [Train 121] arr Block7
19:33:24 Block7 Signal Turns Red
19:33:38 HS2 [Train 123] arr Block5
19:33:38 Block5 Signal Turns Red
19:33:47 HS2 [Train 124] arr Block4
19:33:47 Block4 Signal Turns Red
19:33:48 HS2 [Train 117] arr Block11
19:33:48 Block11 Signal Turns Red
19:33:53 HS2 [Train 117] dep Block11 for Block12
19:33:58 Block11 Signal Turns Green
19:34:11 HS2 [Train 118] arr Block10
19:34:11 Block10 Signal Turns Red
19:34:14 HS2 [Train 127] arr Block1
19:34:14 Block1 Signal Turns Red
19:34:15 HS2 [Train 125 ] arr Block3
19:34:15 Block3 Signal Turns Red
19:34:16 HS2 [Train 118 ] dep Block10 for Block11
19:34:16 HS2 [Train 122] arr Block6
19:34:16 Block6 Signal Turns Red
19:34:21 Block10 Signal Turns Green
19:34:26 HS2 [Train 119 ] dep Block9 for Block10
19:34:26 HS2 [Train 126 ] arr Block2
19:34:26 Block2 Signal Turns Red
19:34:31 Block9 Signal Turns Green
19:34:36 HS2 [Train 120 ] dep Block8 for Block9
19:34:41 Block8 Signal Turns Green
19:34:46 HS2 [Train 121] dep Block7 for Block8
19:34:51 Block7 Signal Turns Green
19:34:56 HS2 [Train 122 ] dep Block6 for Block7
19:35:01 Block6 Signal Turns Green
19:35:06 HS2 [Train 123 ] dep Block5 for Block6
19:35:11 Block5 Signal Turns Green
19:35:16 HS2 [Train 124 ] dep Block4 for Block5
19:35:21 Block4 Signal Turns Green
19:35:26 HS2 [Train 125] dep Block3 for Block4
19:35:31 Block3 Signal Turns Green
19:35:36 HS2 [Train 126] dep Block2 for Block3
19:35:41 Block2 Signal Turns Green
19:35:43 HS2 [Train 115] arr Block14
19:35:43 Block14 Signal Turns Red
19:35:46 HS2 [Train 127] dep Block1 for Block2
19:35:48 HS2 [Train 115] dep Block14 for London Old Oak (DEPOT)
19:35:51 Block1 Signal Turns Green
19:35:53 Block14 Signal Turns Green
19:35:56 HS2 [Train 128] dep London Old Oak for Block1
19:36:01 London Old Oak Signal Turns Green
19:36:06 HS2 [Train 129 ] dep London Old Oak (DEPOT) for London Old Oak
19:36:08 HS2 [Train 115] arr London Old Oak (DEPOT)
19:36:08 London Old Oak (DEPOT) Signal Turns Red
19:36:26 HS2 [Train 129] arr London Old Oak
19:36:26 London Old Oak Signal Turns Red
19:37:20 HS2 [Train 116] arr Block13
19:37:20 Block13 Signal Turns Red
19:37:25 HS2 [Train 116 ] dep Block13 for Block14
19:37:30 Block13 Signal Turns Green
19:38:22 HS2 [Train 117] arr Block12
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19:38:22 Block12 Signal Turns Red
19:38:27 HS2 [Train 117] dep Block12 for Block13
19:38:32 Block12 Signal Turns Green
19:38:45 HS2 [Train 120 ] arr Block9
19:38:45 Block9 Signal Turns Red
19:39:05 HS2 [Train 121] arr Block8
19:39:05 Block8 Signal Turns Red
19:39:16 HS2 [Train 122 ] arr Block7
19:39:16 Block7 Signal Turns Red
19:39:30 HS2 [Train 124] arr Block5
19:39:30 Block5 Signal Turns Red
19:39:38 HS2 [Train 125] arr Block4
19:39:38 Block4 Signal Turns Red
19:39:39 HS2 [Train 118] arr Block11
19:39:39 Block11 Signal Turns Red
19:39:44 HS2 [Train 118] dep Block11 for Block12
19:39:49 Block11 Signal Turns Green
19:40:03 HS2 [Train 119 ] arr Block10
19:40:03 Block10 Signal Turns Red
19:40:05 HS2 [Train 128] arr Block1
19:40:05 Block1 Signal Turns Red
19:40:06 HS2 [Train 126] arr Block3
19:40:06 Block3 Signal Turns Red
19:40:08 HS2 [Train 119] dep Block10 for Block11
19:40:08 HS2 [Train 123] arr Block6
19:40:08 Block6 Signal Turns Red
19:40:13 Block10 Signal Turns Green
19:40:18 HS2 [Train 120 ] dep Block9 for Block10
19:40:18 HS2 [Train 127] arr Block2
19:40:18 Block2 Signal Turns Red
19:40:23 Block9 Signal Turns Green
19:40:28 HS2 [Train 121] dep Block8 for Block9
19:40:33 Block8 Signal Turns Green
19:40:38 HS2 [Train 122 ] dep Block7 for Block8
19:40:43 Block7 Signal Turns Green
19:40:48 HS2 [Train 123 ] dep Block6 for Block7
19:40:53 Block6 Signal Turns Green
19:40:58 HS2 [Train 124] dep Block5 for Block6
19:41:03 Block5 Signal Turns Green
19:41:08 HS2 [Train 125] dep Block4 for Block5
19:41:13 Block4 Signal Turns Green
19:41:18 HS2 [Train 126] dep Block3 for Block4
19:41:23 Block3 Signal Turns Green
19:41:28 HS2 [Train 127] dep Block2 for Block3
19:41:33 Block2 Signal Turns Green
19:41:34 HS2 [Train 116] arr Block14
19:41:34 Block14 Signal Turns Red
19:41:38 HS2 [Train 128] dep Block1 for Block2
19:41:39 HS2 [Train 116] dep Block14 for London Old Oak (DEPOT)
19:41:43 Block1 Signal Turns Green
19:41:44 Block14 Signal Turns Green
19:41:48 HS2 [Train 129] dep London Old Oak for Block1
19:41:53 London Old Oak Signal Turns Green
19:41:58 HS2 [Train 130] dep London Old Oak (DEPOT) for London Old Oak
19:41:59 HS2 [Train 116] arr London Old Oak (DEPOT)
19:41:59 London Old Oak (DEPOT) Signal Turns Red
19:42:18 HS2 [Train 130 ] arr London Old Oak
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x18203621 MSO CA1 Code 19:42:18 London Old Oak Signal Turns Red 19:43:12 HS2 [Train 117] arr Block13 19:43:12 Block13 Signal Turns Red 19:43:17 HS2 [Train 117] dep Block13 for Block14 19:43:22 Block13 Signal Turns Green 19:44:14 HS2 [Train 118] arr Block12 19:44:14 Block12 Signal Turns Red 19:44:19 HS2 [Train 118] dep Block12 for Block13 19:44:24 Block12 Signal Turns Green 19:44:37 HS2 [Train 121] arr Block9 19:44:37 Block9 Signal Turns Red 19:44:57 HS2 [Train 122] arr Block8 19:44:57 Block8 Signal Turns Red 19:45:08 HS2 [Train 123] arr Block7 19:45:08 Block7 Signal Turns Red 19:45:21 HS2 [Train 125] arr Block5 19:45:21 Block5 Signal Turns Red 19:45:30 HS2 [Train 126] arr Block4 19:45:30 Block4 Signal Turns Red 19:45:31 HS2 [Train 119] arr Block11 19:45:31 Block11 Signal Turns Red 19:45:36 HS2 [Train 119] dep Block11 for Block12 19:45:41 Block11 Signal Turns Green 19:45:54 HS2 [Train 120] arr Block10 19:45:54 Block10 Signal Turns Red 19:45:57 HS2 [Train 129] arr Block1 19:45:57 Block1 Signal Turns Red 19:45:58 HS2 [Train 127] arr Block3 19:45:58 Block3 Signal Turns Red 19:45:59 HS2 [Train 120] dep Block10 for Block11 19:45:59 HS2 [Train 124] arr Block6 19:45:59 Block6 Signal Turns Red 19:46:04 Block10 Signal Turns Green 19:46:09 HS2 [Train 121] dep Block9 for Block10 19:46:09 HS2 [Train 128] arr Block2 19:46:09 Block2 Signal Turns Red 19:46:14 Block9 Signal Turns Green 19:46:19 HS2 [Train 122] dep Block8 for Block9 19:46:24 Block8 Signal Turns Green 19:46:29 HS2 [Train 123] dep Block7 for Block8 19:46:34 Block7 Signal Turns Green 19:46:39 HS2 [Train 124] dep Block6 for Block7 19:46:44 Block6 Signal Turns Green 19:46:49 HS2 [Train 125] dep Block5 for Block6 19:46:54 Block5 Signal Turns Green 19:46:59 HS2 [Train 126] dep Block4 for Block5 19:47:04 Block4 Signal Turns Green 19:47:09 HS2 [Train 127] dep Block3 for Block4 19:47:14 Block3 Signal Turns Green 19:47:19 HS2 [Train 128] dep Block2 for Block3 19:47:24 Block2 Signal Turns Green 19:47:26 HS2 [Train 117] arr Block14 19:47:26 Block14 Signal Turns Red 19:47:29 HS2 [Train 129] dep Block1 for Block2 19:47:31 HS2 [Train 117] dep Block14 for London Old Oak (DEPOT)

19:47:34 Block1 Signal Turns Green 19:47:36 Block14 Signal Turns Green

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x18203621_MSO_CA1_Code
19:47:39 HS2 [Train 130 ] dep London Old Oak for Block1
19:47:44 London Old Oak Signal Turns Green
19:47:49 HS2 [Train 131] dep London Old Oak (DEPOT) for London Old Oak
19:47:51 HS2 [Train 117] arr London Old Oak (DEPOT)
19:47:51 London Old Oak (DEPOT) Signal Turns Red
19:48:09 HS2 [Train 131] arr London Old Oak
19:48:09 London Old Oak Signal Turns Red
19:49:03 HS2 [Train 118] arr Block13
19:49:03 Block13 Signal Turns Red
19:49:08 HS2 [Train 118] dep Block13 for Block14
19:49:13 Block13 Signal Turns Green
19:50:05 HS2 [Train 119] arr Block12
19:50:05 Block12 Signal Turns Red
19:50:10 HS2 [Train 119 ] dep Block12 for Block13
19:50:15 Block12 Signal Turns Green
19:50:29 HS2 [Train 122] arr Block9
19:50:29 Block9 Signal Turns Red
19:50:48 HS2 [Train 123] arr Block8
19:50:48 Block8 Signal Turns Red
19:50:59 HS2 [Train 124] arr Block7
19:50:59 Block7 Signal Turns Red
19:51:13 HS2 [Train 126 ] arr Block5
19:51:13 Block5 Signal Turns Red
19:51:22 HS2 [Train 127] arr Block4
19:51:22 Block4 Signal Turns Red
19:51:23 HS2 [Train 120 ] arr Block11
19:51:23 Block11 Signal Turns Red
19:51:28 HS2 [Train 120 ] dep Block11 for Block12
19:51:33 Block11 Signal Turns Green
19:51:46 HS2 [Train 121] arr Block10
19:51:46 Block10 Signal Turns Red
19:51:49 HS2 [Train 130 ] arr Block1
19:51:49 Block1 Signal Turns Red
19:51:49 HS2 [Train 128] arr Block3
19:51:49 Block3 Signal Turns Red
19:51:51 HS2 [Train 121] dep Block10 for Block11
19:51:51 HS2 [Train 125] arr Block6
19:51:51 Block6 Signal Turns Red
19:51:56 Block10 Signal Turns Green
19:52:01 HS2 [Train 122 ] dep Block9 for Block10
19:52:01 HS2 [Train 129] arr Block2
19:52:01 Block2 Signal Turns Red
19:52:06 Block9 Signal Turns Green
19:52:11 HS2 [Train 123 ] dep Block8 for Block9
19:52:16 Block8 Signal Turns Green
19:52:21 HS2 [Train 124 ] dep Block7 for Block8
19:52:26 Block7 Signal Turns Green
19:52:31 HS2 [Train 125] dep Block6 for Block7
19:52:36 Block6 Signal Turns Green
19:52:41 HS2 [Train 126] dep Block5 for Block6
19:52:46 Block5 Signal Turns Green
19:52:51 HS2 [Train 127] dep Block4 for Block5
19:52:56 Block4 Signal Turns Green
19:53:01 HS2 [Train 128] dep Block3 for Block4
19:53:06 Block3 Signal Turns Green
19:53:11 HS2 [Train 129 ] dep Block2 for Block3
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19:53:16 Block2 Signal Turns Green

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x18203621_MSO_CA1_Code
19:53:17 HS2 [Train 118 ] arr Block14
19:53:17 Block14 Signal Turns Red
19:53:21 HS2 [Train 130 ] dep Block1 for Block2
19:53:22 HS2 [Train 118] dep Block14 for London Old Oak (DEPOT)
19:53:26 Block1 Signal Turns Green
19:53:27 Block14 Signal Turns Green
19:53:31 HS2 [Train 131] dep London Old Oak for Block1
19:53:36 London Old Oak Signal Turns Green
19:53:41 HS2 [Train 132 ] dep London Old Oak (DEPOT) for London Old Oak
19:53:42 HS2 [Train 118] arr London Old Oak (DEPOT)
19:53:42 London Old Oak (DEPOT) Signal Turns Red
19:54:01 HS2 [Train 132 ] arr London Old Oak
19:54:01 London Old Oak Signal Turns Red
19:54:55 HS2 [Train 119] arr Block13
19:54:55 Block13 Signal Turns Red
19:55:00 HS2 [Train 119 ] dep Block13 for Block14
19:55:05 Block13 Signal Turns Green
19:55:57 HS2 [Train 120 ] arr Block12
19:55:57 Block12 Signal Turns Red
19:56:02 HS2 [Train 120 ] dep Block12 for Block13
19:56:07 Block12 Signal Turns Green
19:56:20 HS2 [Train 123] arr Block9
19:56:20 Block9 Signal Turns Red
19:56:40 HS2 [Train 124] arr Block8
19:56:40 Block8 Signal Turns Red
19:56:51 HS2 [Train 125] arr Block7
19:56:51 Block7 Signal Turns Red
19:57:05 HS2 [Train 127] arr Block5
19:57:05 Block5 Signal Turns Red
19:57:13 HS2 [Train 128] arr Block4
19:57:13 Block4 Signal Turns Red
19:57:14 HS2 [Train 121] arr Block11
19:57:14 Block11 Signal Turns Red
19:57:19 HS2 [Train 121] dep Block11 for Block12
19:57:24 Block11 Signal Turns Green
19:57:37 HS2 [Train 122 ] arr Block10
19:57:37 Block10 Signal Turns Red
19:57:40 HS2 [Train 131] arr Block1
19:57:40 Block1 Signal Turns Red
19:57:41 HS2 [Train 129] arr Block3
19:57:41 Block3 Signal Turns Red
19:57:42 HS2 [Train 122 ] dep Block10 for Block11
19:57:43 HS2 [Train 126] arr Block6
19:57:43 Block6 Signal Turns Red
19:57:47 Block10 Signal Turns Green
19:57:52 HS2 [Train 123 ] dep Block9 for Block10
19:57:53 HS2 [Train 130 ] arr Block2
19:57:53 Block2 Signal Turns Red
19:57:57 Block9 Signal Turns Green
19:58:02 HS2 [Train 124] dep Block8 for Block9
19:58:07 Block8 Signal Turns Green
19:58:12 HS2 [Train 125 ] dep Block7 for Block8
19:58:17 Block7 Signal Turns Green
19:58:22 HS2 [Train 126] dep Block6 for Block7
19:58:27 Block6 Signal Turns Green
19:58:32 HS2 [Train 127] dep Block5 for Block6
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19:58:37 Block5 Signal Turns Green

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19:58:42 HS2 [Train 128] dep Block4 for Block5
19:58:47 Block4 Signal Turns Green
19:58:52 HS2 [Train 129] dep Block3 for Block4
19:58:57 Block3 Signal Turns Green
19:59:02 HS2 [Train 130 ] dep Block2 for Block3
19:59:07 Block2 Signal Turns Green
19:59:09 HS2 [Train 119] arr Block14
19:59:09 Block14 Signal Turns Red
19:59:12 HS2 [Train 131 ] dep Block1 for Block2
19:59:14 HS2 [Train 119] dep Block14 for London Old Oak (DEPOT)
19:59:17 Block1 Signal Turns Green
19:59:19 Block14 Signal Turns Green
19:59:22 HS2 [Train 132] dep London Old Oak for Block1
19:59:27 London Old Oak Signal Turns Green
19:59:32 HS2 [Train 133 ] dep London Old Oak (DEPOT) for London Old Oak
19:59:34 HS2 [Train 119] arr London Old Oak (DEPOT)
19:59:34 London Old Oak (DEPOT) Signal Turns Red
19:59:52 HS2 [Train 133 ] arr London Old Oak
19:59:52 London Old Oak Signal Turns Red
20:00:46 HS2 [Train 120 ] arr Block13
20:00:46 Block13 Signal Turns Red
20:00:51 HS2 [Train 120 ] dep Block13 for Block14
20:00:56 Block13 Signal Turns Green
20:01:48 HS2 [Train 121] arr Block12
20:01:48 Block12 Signal Turns Red
20:01:53 HS2 [Train 121] dep Block12 for Block13
20:01:58 Block12 Signal Turns Green
20:02:12 HS2 [Train 124] arr Block9
20:02:12 Block9 Signal Turns Red
20:02:32 HS2 [Train 125] arr Block8
20:02:32 Block8 Signal Turns Red
20:02:42 HS2 [Train 126] arr Block7
20:02:42 Block7 Signal Turns Red
20:02:56 HS2 [Train 128] arr Block5
20:02:56 Block5 Signal Turns Red
20:03:05 HS2 [Train 129] arr Block4
20:03:05 Block4 Signal Turns Red
20:03:06 HS2 [Train 122] arr Block11
20:03:06 Block11 Signal Turns Red
20:03:11 HS2 [Train 122 ] dep Block11 for Block12
20:03:16 Block11 Signal Turns Green
20:03:29 HS2 [Train 123 ] arr Block10
20:03:29 Block10 Signal Turns Red
20:03:32 HS2 [Train 132 ] arr Block1
20:03:32 Block1 Signal Turns Red
20:03:33 HS2 [Train 130 ] arr Block3
20:03:33 Block3 Signal Turns Red
20:03:34 HS2 [Train 123 ] dep Block10 for Block11
20:03:34 HS2 [Train 127] arr Block6
20:03:34 Block6 Signal Turns Red
20:03:39 Block10 Signal Turns Green
20:03:44 HS2 [Train 124 ] dep Block9 for Block10
20:03:44 HS2 [Train 131] arr Block2
20:03:44 Block2 Signal Turns Red
20:03:49 Block9 Signal Turns Green
20:03:54 HS2 [Train 125] dep Block8 for Block9
20:03:59 Block8 Signal Turns Green
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20:04:04 HS2 [Train 126 ] dep Block7 for Block8
20:04:09 Block7 Signal Turns Green
20:04:14 HS2 [Train 127] dep Block6 for Block7
20:04:19 Block6 Signal Turns Green
20:04:24 HS2 [Train 128 ] dep Block5 for Block6
20:04:29 Block5 Signal Turns Green
20:04:34 HS2 [Train 129] dep Block4 for Block5
20:04:39 Block4 Signal Turns Green
20:04:44 HS2 [Train 130 ] dep Block3 for Block4
20:04:49 Block3 Signal Turns Green
20:04:54 HS2 [Train 131] dep Block2 for Block3
20:04:59 Block2 Signal Turns Green
20:05:01 HS2 [Train 120 ] arr Block14
20:05:01 Block14 Signal Turns Red
20:05:04 HS2 [Train 132] dep Block1 for Block2
20:05:06 HS2 [Train 120 ] dep Block14 for London Old Oak (DEPOT)
20:05:09 Block1 Signal Turns Green
20:05:11 Block14 Signal Turns Green
20:05:14 HS2 [Train 133 ] dep London Old Oak for Block1
20:05:19 London Old Oak Signal Turns Green
20:05:24 HS2 [Train 134] dep London Old Oak (DEPOT) for London Old Oak
20:05:26 HS2 [Train 120 ] arr London Old Oak (DEPOT)
20:05:26 London Old Oak (DEPOT) Signal Turns Red
20:05:44 HS2 [Train 134] arr London Old Oak
20:05:44 London Old Oak Signal Turns Red
20:06:38 HS2 [Train 121] arr Block13
20:06:38 Block13 Signal Turns Red
20:06:43 HS2 [Train 121] dep Block13 for Block14
20:06:48 Block13 Signal Turns Green
20:07:40 HS2 [Train 122 ] arr Block12
20:07:40 Block12 Signal Turns Red
20:07:45 HS2 [Train 122 ] dep Block12 for Block13
20:07:50 Block12 Signal Turns Green
20:08:03 HS2 [Train 125] arr Block9
20:08:03 Block9 Signal Turns Red
20:08:23 HS2 [Train 126] arr Block8
20:08:23 Block8 Signal Turns Red
20:08:34 HS2 [Train 127] arr Block7
20:08:34 Block7 Signal Turns Red
20:08:48 HS2 [Train 129] arr Block5
20:08:48 Block5 Signal Turns Red
20:08:56 HS2 [Train 130 ] arr Block4
20:08:56 Block4 Signal Turns Red
20:08:57 HS2 [Train 123 ] arr Block11
20:08:57 Block11 Signal Turns Red
20:09:02 HS2 [Train 123 ] dep Block11 for Block12
20:09:07 Block11 Signal Turns Green
20:09:21 HS2 [Train 124] arr Block10
20:09:21 Block10 Signal Turns Red
20:09:23 HS2 [Train 133 ] arr Block1
20:09:23 Block1 Signal Turns Red
20:09:24 HS2 [Train 131] arr Block3
20:09:24 Block3 Signal Turns Red
20:09:26 HS2 [Train 124 ] dep Block10 for Block11
20:09:26 HS2 [Train 128 ] arr Block6
20:09:26 Block6 Signal Turns Red
20:09:31 Block10 Signal Turns Green
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20:09:36 HS2 [Train 125 ] dep Block9 for Block10
20:09:36 HS2 [Train 132 ] arr Block2
20:09:36 Block2 Signal Turns Red
20:09:41 Block9 Signal Turns Green
20:09:46 HS2 [Train 126 ] dep Block8 for Block9
20:09:51 Block8 Signal Turns Green
20:09:56 HS2 [Train 127] dep Block7 for Block8
20:10:01 Block7 Signal Turns Green
20:10:06 HS2 [Train 128 ] dep Block6 for Block7
20:10:11 Block6 Signal Turns Green
20:10:16 HS2 [Train 129 ] dep Block5 for Block6
20:10:21 Block5 Signal Turns Green
20:10:26 HS2 [Train 130 ] dep Block4 for Block5
20:10:31 Block4 Signal Turns Green
20:10:36 HS2 [Train 131] dep Block3 for Block4
20:10:41 Block3 Signal Turns Green
20:10:46 HS2 [Train 132 ] dep Block2 for Block3
20:10:51 Block2 Signal Turns Green
20:10:52 HS2 [Train 121] arr Block14
20:10:52 Block14 Signal Turns Red
20:10:56 HS2 [Train 133 ] dep Block1 for Block2
20:10:57 HS2 [Train 121] dep Block14 for London Old Oak (DEPOT)
20:11:01 Block1 Signal Turns Green
20:11:02 Block14 Signal Turns Green
20:11:06 HS2 [Train 134] dep London Old Oak for Block1
20:11:11 London Old Oak Signal Turns Green
20:11:16 HS2 [Train 135] dep London Old Oak (DEPOT) for London Old Oak
20:11:17 HS2 [Train 121] arr London Old Oak (DEPOT)
20:11:17 London Old Oak (DEPOT) Signal Turns Red
20:11:36 HS2 [Train 135 ] arr London Old Oak
20:11:36 London Old Oak Signal Turns Red
20:12:29 HS2 [Train 122 ] arr Block13
20:12:29 Block13 Signal Turns Red
20:12:34 HS2 [Train 122 ] dep Block13 for Block14
20:12:39 Block13 Signal Turns Green
20:13:32 HS2 [Train 123 ] arr Block12
20:13:32 Block12 Signal Turns Red
20:13:37 HS2 [Train 123 ] dep Block12 for Block13
20:13:42 Block12 Signal Turns Green
20:13:55 HS2 [Train 126] arr Block9
20:13:55 Block9 Signal Turns Red
20:14:15 HS2 [Train 127] arr Block8
20:14:15 Block8 Signal Turns Red
20:14:25 HS2 [Train 128] arr Block7
20:14:25 Block7 Signal Turns Red
20:14:39 HS2 [Train 130 ] arr Block5
20:14:39 Block5 Signal Turns Red
20:14:48 HS2 [Train 131] arr Block4
20:14:48 Block4 Signal Turns Red
20:14:49 HS2 [Train 124] arr Block11
20:14:49 Block11 Signal Turns Red
20:14:54 HS2 [Train 124 ] dep Block11 for Block12
20:14:59 Block11 Signal Turns Green
20:15:12 HS2 [Train 125] arr Block10
20:15:12 Block10 Signal Turns Red
20:15:15 HS2 [Train 134] arr Block1
20:15:15 Block1 Signal Turns Red
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20:15:16 HS2 [Train 132 ] arr Block3
20:15:16 Block3 Signal Turns Red
20:15:17 HS2 [Train 125 ] dep Block10 for Block11
20:15:17 HS2 [Train 129 ] arr Block6
20:15:17 Block6 Signal Turns Red
20:15:22 Block10 Signal Turns Green
20:15:27 HS2 [Train 126] dep Block9 for Block10
20:15:27 HS2 [Train 133 ] arr Block2
20:15:27 Block2 Signal Turns Red
20:15:32 Blocko Signal Turns Green
20:15:37 HS2 [Train 127] dep Block8 for Block9
20:15:42 Block8 Signal Turns Green
20:15:47 HS2 [Train 128] dep Block7 for Block8
20:15:52 Block7 Signal Turns Green
20:15:57 HS2 [Train 129] dep Block6 for Block7
20:16:02 Block6 Signal Turns Green
20:16:07 HS2 [Train 130 ] dep Block5 for Block6
20:16:12 Block5 Signal Turns Green
20:16:17 HS2 [Train 131] dep Block4 for Block5
20:16:22 Block4 Signal Turns Green
20:16:27 HS2 [Train 132 ] dep Block3 for Block4
20:16:32 Block3 Signal Turns Green
20:16:37 HS2 [Train 133 ] dep Block2 for Block3
20:16:42 Block2 Signal Turns Green
20:16:44 HS2 [Train 122] arr Block14
20:16:44 Block14 Signal Turns Red
20:16:47 HS2 [Train 134 ] dep Block1 for Block2
20:16:49 HS2 [Train 122 ] dep Block14 for London Old Oak (DEPOT)
20:16:52 Block1 Signal Turns Green
20:16:54 Block14 Signal Turns Green
20:16:57 HS2 [Train 135] dep London Old Oak for Block1
20:17:02 London Old Oak Signal Turns Green
20:17:07 HS2 [Train 136 ] dep London Old Oak (DEPOT) for London Old Oak
20:17:09 HS2 [Train 122] arr London Old Oak (DEPOT)
20:17:09 London Old Oak (DEPOT) Signal Turns Red
20:17:27 HS2 [Train 136 ] arr London Old Oak
20:17:27 London Old Oak Signal Turns Red
20:18:21 HS2 [Train 123 ] arr Block13
20:18:21 Block13 Signal Turns Red
20:18:26 HS2 [Train 123 ] dep Block13 for Block14
20:18:31 Block13 Signal Turns Green
20:19:23 HS2 [Train 124] arr Block12
20:19:23 Block12 Signal Turns Red
20:19:28 HS2 [Train 124] dep Block12 for Block13
20:19:33 Block12 Signal Turns Green
20:19:46 HS2 [Train 127] arr Block9
20:19:46 Block9 Signal Turns Red
20:20:06 HS2 [Train 128] arr Block8
20:20:06 Block8 Signal Turns Red
20:20:17 HS2 [Train 129] arr Block7
20:20:17 Block7 Signal Turns Red
20:20:31 HS2 [Train 131] arr Block5
20:20:31 Block5 Signal Turns Red
20:20:40 HS2 [Train 132] arr Block4
20:20:40 Block4 Signal Turns Red
20:20:40 HS2 [Train 125] arr Block11
20:20:40 Block11 Signal Turns Red
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20:20:45 HS2 [Train 125 ] dep Block11 for Block12
20:20:50 Block11 Signal Turns Green
20:21:04 HS2 [Train 126 ] arr Block10
20:21:04 Block10 Signal Turns Red
20:21:07 HS2 [Train 135] arr Block1
20:21:07 Block1 Signal Turns Red
20:21:07 HS2 [Train 133 ] arr Block3
20:21:07 Block3 Signal Turns Red
20:21:09 HS2 [Train 126 ] dep Block10 for Block11
20:21:09 HS2 [Train 130 ] arr Block6
20:21:09 Block6 Signal Turns Red
20:21:14 Block10 Signal Turns Green
20:21:19 HS2 [Train 127] dep Block9 for Block10
20:21:19 HS2 [Train 134] arr Block2
20:21:19 Block2 Signal Turns Red
20:21:24 Blocko Signal Turns Green
20:21:29 HS2 [Train 128] dep Block8 for Block9
20:21:34 Block8 Signal Turns Green
20:21:39 HS2 [Train 129] dep Block7 for Block8
20:21:44 Block7 Signal Turns Green
20:21:49 HS2 [Train 130 ] dep Block6 for Block7
20:21:54 Block6 Signal Turns Green
20:21:59 HS2 [Train 131 ] dep Block5 for Block6
20:22:04 Block5 Signal Turns Green
20:22:09 HS2 [Train 132] dep Block4 for Block5
20:22:14 Block4 Signal Turns Green
20:22:19 HS2 [Train 133 ] dep Block3 for Block4
20:22:24 Block3 Signal Turns Green
20:22:29 HS2 [Train 134] dep Block2 for Block3
20:22:34 Block2 Signal Turns Green
20:22:35 HS2 [Train 123 ] arr Block14
20:22:35 Block14 Signal Turns Red
20:22:39 HS2 [Train 135 ] dep Block1 for Block2
20:22:40 HS2 [Train 123] dep Block14 for London Old Oak (DEPOT)
20:22:44 Block1 Signal Turns Green
20:22:45 Block14 Signal Turns Green
20:22:49 HS2 [Train 136] dep London Old Oak for Block1
20:22:54 London Old Oak Signal Turns Green
20:22:59 HS2 [Train 137] dep London Old Oak (DEPOT) for London Old Oak
20:23:00 HS2 [Train 123] arr London Old Oak (DEPOT)
20:23:00 London Old Oak (DEPOT) Signal Turns Red
20:23:19 HS2 [Train 137] arr London Old Oak
20:23:19 London Old Oak Signal Turns Red
20:24:13 HS2 [Train 124] arr Block13
20:24:13 Block13 Signal Turns Red
20:24:18 HS2 [Train 124] dep Block13 for Block14
20:24:23 Block13 Signal Turns Green
20:25:15 HS2 [Train 125] arr Block12
20:25:15 Block12 Signal Turns Red
20:25:20 HS2 [Train 125] dep Block12 for Block13
20:25:25 Block12 Signal Turns Green
20:25:38 HS2 [Train 128] arr Block9
20:25:38 Block9 Signal Turns Red
20:25:58 HS2 [Train 129] arr Block8
20:25:58 Block8 Signal Turns Red
20:26:09 HS2 [Train 130 ] arr Block7
20:26:09 Block7 Signal Turns Red
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20:26:23 HS2 [Train 132 ] arr Block5
20:26:23 Block5 Signal Turns Red
20:26:31 HS2 [Train 133] arr Block4
20:26:31 Block4 Signal Turns Red
20:26:32 HS2 [Train 126] arr Block11
20:26:32 Block11 Signal Turns Red
20:26:37 HS2 [Train 126 ] dep Block11 for Block12
20:26:42 Block11 Signal Turns Green
20:26:55 HS2 [Train 127] arr Block10
20:26:55 Block10 Signal Turns Red
20:26:58 HS2 [Train 136] arr Block1
20:26:58 Block1 Signal Turns Red
20:26:59 HS2 [Train 134] arr Block3
20:26:59 Block3 Signal Turns Red
20:27:00 HS2 [Train 127 ] dep Block10 for Block11
20:27:00 HS2 [Train 131] arr Block6
20:27:00 Block6 Signal Turns Red
20:27:05 Block10 Signal Turns Green
20:27:10 HS2 [Train 128 ] dep Block9 for Block10
20:27:11 HS2 [Train 135 ] arr Block2
20:27:11 Block2 Signal Turns Red
20:27:15 Block9 Signal Turns Green
20:27:20 HS2 [Train 129] dep Block8 for Block9
20:27:25 Block8 Signal Turns Green
20:27:30 HS2 [Train 130 ] dep Block7 for Block8
20:27:35 Block7 Signal Turns Green
20:27:40 HS2 [Train 131 ] dep Block6 for Block7
20:27:45 Block6 Signal Turns Green
20:27:50 HS2 [Train 132 ] dep Block5 for Block6
20:27:55 Block5 Signal Turns Green
20:28:00 HS2 [Train 133 ] dep Block4 for Block5
20:28:05 Block4 Signal Turns Green
20:28:10 HS2 [Train 134] dep Block3 for Block4
20:28:15 Block3 Signal Turns Green
20:28:20 HS2 [Train 135] dep Block2 for Block3
20:28:25 Block2 Signal Turns Green
20:28:27 HS2 [Train 124] arr Block14
20:28:27 Block14 Signal Turns Red
20:28:30 HS2 [Train 136 ] dep Block1 for Block2
20:28:32 HS2 [Train 124] dep Block14 for London Old Oak (DEPOT)
20:28:35 Block1 Signal Turns Green
20:28:37 Block14 Signal Turns Green
20:28:40 HS2 [Train 137] dep London Old Oak for Block1
20:28:45 London Old Oak Signal Turns Green
20:28:50 HS2 [Train 138 ] dep London Old Oak (DEPOT) for London Old Oak
20:28:52 HS2 [Train 124] arr London Old Oak (DEPOT)
20:28:52 London Old Oak (DEPOT) Signal Turns Red
20:29:10 HS2 [Train 138 ] arr London Old Oak
20:29:10 London Old Oak Signal Turns Red
20:30:04 HS2 [Train 125] arr Block13
20:30:04 Block13 Signal Turns Red
20:30:09 HS2 [Train 125] dep Block13 for Block14
20:30:14 Block13 Signal Turns Green
20:31:06 HS2 [Train 126] arr Block12
20:31:06 Block12 Signal Turns Red
20:31:11 HS2 [Train 126] dep Block12 for Block13
20:31:16 Block12 Signal Turns Green
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20:31:30 HS2 [Train 129 ] arr Block9
20:31:30 Block9 Signal Turns Red
20:31:50 HS2 [Train 130 ] arr Block8
20:31:50 Block8 Signal Turns Red
20:32:00 HS2 [Train 131] arr Block7
20:32:00 Block7 Signal Turns Red
20:32:14 HS2 [Train 133 ] arr Block5
20:32:14 Block5 Signal Turns Red
20:32:23 HS2 [Train 134] arr Block4
20:32:23 Block4 Signal Turns Red
20:32:24 HS2 [Train 127] arr Block11
20:32:24 Block11 Signal Turns Red
20:32:29 HS2 [Train 127 ] dep Block11 for Block12
20:32:34 Block11 Signal Turns Green
20:32:47 HS2 [Train 128] arr Block10
20:32:47 Block10 Signal Turns Red
20:32:50 HS2 [Train 137] arr Block1
20:32:50 Block1 Signal Turns Red
20:32:51 HS2 [Train 135] arr Block3
20:32:51 Block3 Signal Turns Red
20:32:52 HS2 [Train 128 ] dep Block10 for Block11
20:32:52 HS2 [Train 132] arr Block6
20:32:52 Block6 Signal Turns Red
20:32:57 Block10 Signal Turns Green
20:33:02 HS2 [Train 129 ] dep Block9 for Block10
20:33:02 HS2 [Train 136] arr Block2
20:33:02 Block2 Signal Turns Red
20:33:07 Block9 Signal Turns Green
20:33:12 HS2 [Train 130 ] dep Block8 for Block9
20:33:17 Block8 Signal Turns Green
20:33:22 HS2 [Train 131] dep Block7 for Block8
20:33:27 Block7 Signal Turns Green
20:33:32 HS2 [Train 132] dep Block6 for Block7
20:33:37 Block6 Signal Turns Green
20:33:42 HS2 [Train 133 ] dep Block5 for Block6
20:33:47 Block5 Signal Turns Green
20:33:52 HS2 [Train 134 ] dep Block4 for Block5
20:33:57 Block4 Signal Turns Green
20:34:02 HS2 [Train 135 ] dep Block3 for Block4
20:34:07 Block3 Signal Turns Green
20:34:12 HS2 [Train 136 ] dep Block2 for Block3
20:34:17 Block2 Signal Turns Green
20:34:19 HS2 [Train 125] arr Block14
20:34:19 Block14 Signal Turns Red
20:34:22 HS2 [Train 137] dep Block1 for Block2
20:34:24 HS2 [Train 125] dep Block14 for London Old Oak (DEPOT)
20:34:27 Block1 Signal Turns Green
20:34:29 Block14 Signal Turns Green
20:34:32 HS2 [Train 138] dep London Old Oak for Block1
20:34:37 London Old Oak Signal Turns Green
20:34:42 HS2 [Train 139] dep London Old Oak (DEPOT) for London Old Oak
20:34:44 HS2 [Train 125] arr London Old Oak (DEPOT)
20:34:44 London Old Oak (DEPOT) Signal Turns Red
20:35:02 HS2 [Train 139 ] arr London Old Oak
20:35:02 London Old Oak Signal Turns Red
20:35:56 HS2 [Train 126] arr Block13
20:35:56 Block13 Signal Turns Red
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20:36:01 HS2 [Train 126] dep Block13 for Block14
20:36:06 Block13 Signal Turns Green
20:36:58 HS2 [Train 127] arr Block12
20:36:58 Block12 Signal Turns Red
20:37:03 HS2 [Train 127] dep Block12 for Block13
20:37:08 Block12 Signal Turns Green
20:37:21 HS2 [Train 130 ] arr Block9
20:37:21 Block9 Signal Turns Red
20:37:41 HS2 [Train 131] arr Block8
20:37:41 Block8 Signal Turns Red
20:37:52 HS2 [Train 132 ] arr Block7
20:37:52 Block7 Signal Turns Red
20:38:06 HS2 [Train 134] arr Block5
20:38:06 Block5 Signal Turns Red
20:38:14 HS2 [Train 135] arr Block4
20:38:14 Block4 Signal Turns Red
20:38:15 HS2 [Train 128] arr Block11
20:38:15 Block11 Signal Turns Red
20:38:20 HS2 [Train 128 ] dep Block11 for Block12
20:38:25 Block11 Signal Turns Green
20:38:38 HS2 [Train 129 ] arr Block10
20:38:38 Block10 Signal Turns Red
20:38:41 HS2 [Train 138] arr Block1
20:38:41 Block1 Signal Turns Red
20:38:42 HS2 [Train 136] arr Block3
20:38:42 Block3 Signal Turns Red
20:38:43 HS2 [Train 129 ] dep Block10 for Block11
20:38:44 HS2 [Train 133] arr Block6
20:38:44 Block6 Signal Turns Red
20:38:48 Block10 Signal Turns Green
20:38:53 HS2 [Train 130 ] dep Block9 for Block10
20:38:54 HS2 [Train 137] arr Block2
20:38:54 Block2 Signal Turns Red
20:38:58 Block9 Signal Turns Green
20:39:03 HS2 [Train 131] dep Block8 for Block9
20:39:08 Block8 Signal Turns Green
20:39:13 HS2 [Train 132 ] dep Block7 for Block8
20:39:18 Block7 Signal Turns Green
20:39:23 HS2 [Train 133 ] dep Block6 for Block7
20:39:28 Block6 Signal Turns Green
20:39:33 HS2 [Train 134] dep Block5 for Block6
20:39:38 Block5 Signal Turns Green
20:39:43 HS2 [Train 135 ] dep Block4 for Block5
20:39:48 Block4 Signal Turns Green
20:39:53 HS2 [Train 136 ] dep Block3 for Block4
20:39:58 Block3 Signal Turns Green
20:40:03 HS2 [Train 137] dep Block2 for Block3
20:40:08 Block2 Signal Turns Green
20:40:10 HS2 [Train 126] arr Block14
20:40:10 Block14 Signal Turns Red
20:40:13 HS2 [Train 138 ] dep Block1 for Block2
20:40:15 HS2 [Train 126] dep Block14 for London Old Oak (DEPOT)
20:40:18 Block1 Signal Turns Green
20:40:20 Block14 Signal Turns Green
20:40:23 HS2 [Train 139] dep London Old Oak for Block1
20:40:28 London Old Oak Signal Turns Green
20:40:33 HS2 [Train 140 ] dep London Old Oak (DEPOT) for London Old Oak
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20:40:35 HS2 [Train 126] arr London Old Oak (DEPOT) 20:40:35 London Old Oak (DEPOT) Signal Turns Red 20:40:53 HS2 [Train 140] arr London Old Oak 20:40:53 London Old Oak Signal Turns Red 20:41:47 HS2 [Train 127] arr Block13 20:41:47 Block13 Signal Turns Red 20:41:52 HS2 [Train 127] dep Block13 for Block14 20:41:57 Block13 Signal Turns Green 20:42:50 HS2 [Train 128] arr Block12 20:42:50 Block12 Signal Turns Red 20:42:55 HS2 [Train 128] dep Block12 for Block13 20:43:00 Block12 Signal Turns Green 20:43:13 HS2 [Train 131] arr Block9 20:43:13 Block9 Signal Turns Red 20:43:33 HS2 [Train 132] arr Block8 20:43:33 Block8 Signal Turns Red 20:43:43 HS2 [Train 133] arr Block7 20:43:43 Block7 Signal Turns Red 20:43:57 HS2 [Train 135] arr Block5 20:43:57 Block5 Signal Turns Red 20:44:06 HS2 [Train 136] arr Block4 20:44:06 Block4 Signal Turns Red 20:44:07 HS2 [Train 129] arr Block11 20:44:07 Block11 Signal Turns Red 20:44:12 HS2 [Train 129] dep Block11 for Block12 20:44:17 Block11 Signal Turns Green 20:44:30 HS2 [Train 130] arr Block10 20:44:30 Block10 Signal Turns Red 20:44:33 HS2 [Train 139] arr Block1 20:44:33 Block1 Signal Turns Red 20:44:34 HS2 [Train 137] arr Block3 20:44:34 Block3 Signal Turns Red 20:44:35 HS2 [Train 130] dep Block10 for Block11 20:44:35 HS2 [Train 134] arr Block6 20:44:35 Block6 Signal Turns Red 20:44:40 Block10 Signal Turns Green 20:44:45 HS2 [Train 131] dep Block9 for Block10 20:44:45 HS2 [Train 138] arr Block2 20:44:45 Block2 Signal Turns Red 20:44:50 Block9 Signal Turns Green 20:44:55 HS2 [Train 132] dep Block8 for Block9 20:45:00 Block8 Signal Turns Green 20:45:05 HS2 [Train 133] dep Block7 for Block8 20:45:10 Block7 Signal Turns Green 20:45:15 HS2 [Train 134] dep Block6 for Block7 20:45:20 Block6 Signal Turns Green 20:45:25 HS2 [Train 135] dep Block5 for Block6 20:45:30 Block5 Signal Turns Green 20:45:35 HS2 [Train 136] dep Block4 for Block5 20:45:40 Block4 Signal Turns Green 20:45:45 HS2 [Train 137] dep Block3 for Block4 20:45:50 Block3 Signal Turns Green 20:45:55 HS2 [Train 138] dep Block2 for Block3 20:46:00 Block2 Signal Turns Green 20:46:02 HS2 [Train 127] arr Block14 20:46:02 Block14 Signal Turns Red 20:46:05 HS2 [Train 139] dep Block1 for Block2

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20:46:07 HS2 [Train 127] dep Block14 for London Old Oak (DEPOT)
20:46:10 Block1 Signal Turns Green
20:46:12 Block14 Signal Turns Green
20:46:15 HS2 [Train 140 ] dep London Old Oak for Block1
20:46:20 London Old Oak Signal Turns Green
20:46:25 HS2 [Train 141] dep London Old Oak (DEPOT) for London Old Oak
20:46:27 HS2 [Train 127] arr London Old Oak (DEPOT)
20:46:27 London Old Oak (DEPOT) Signal Turns Red
20:46:45 HS2 [Train 141] arr London Old Oak
20:46:45 London Old Oak Signal Turns Red
20:47:39 HS2 [Train 128 ] arr Block13
20:47:39 Block13 Signal Turns Red
20:47:44 HS2 [Train 128] dep Block13 for Block14
20:47:49 Block13 Signal Turns Green
20:48:41 HS2 [Train 129 ] arr Block12
20:48:41 Block12 Signal Turns Red
20:48:46 HS2 [Train 129 ] dep Block12 for Block13
20:48:51 Block12 Signal Turns Green
20:49:04 HS2 [Train 132 ] arr Block9
20:49:04 Block9 Signal Turns Red
20:49:24 HS2 [Train 133 ] arr Block8
20:49:24 Block8 Signal Turns Red
20:49:35 HS2 [Train 134] arr Block7
20:49:35 Block7 Signal Turns Red
20:49:49 HS2 [Train 136] arr Block5
20:49:49 Block5 Signal Turns Red
20:49:57 HS2 [Train 137] arr Block4
20:49:57 Block4 Signal Turns Red
20:49:58 HS2 [Train 130 ] arr Block11
20:49:58 Block11 Signal Turns Red
20:50:03 HS2 [Train 130 ] dep Block11 for Block12
20:50:08 Block11 Signal Turns Green
20:50:22 HS2 [Train 131 ] arr Block10
20:50:22 Block10 Signal Turns Red
20:50:24 HS2 [Train 140 ] arr Block1
20:50:24 Block1 Signal Turns Red
20:50:25 HS2 [Train 138] arr Block3
20:50:25 Block3 Signal Turns Red
20:50:27 HS2 [Train 131] dep Block10 for Block11
20:50:27 HS2 [Train 135 ] arr Block6
20:50:27 Block6 Signal Turns Red
20:50:32 Block10 Signal Turns Green
20:50:37 HS2 [Train 132 ] dep Block9 for Block10
20:50:37 HS2 [Train 139 ] arr Block2
20:50:37 Block2 Signal Turns Red
20:50:42 Block9 Signal Turns Green
20:50:47 HS2 [Train 133 ] dep Block8 for Block9
20:50:52 Block8 Signal Turns Green
20:50:57 HS2 [Train 134 ] dep Block7 for Block8
20:51:02 Block7 Signal Turns Green
20:51:07 HS2 [Train 135] dep Block6 for Block7
20:51:12 Block6 Signal Turns Green
20:51:17 HS2 [Train 136] dep Block5 for Block6
20:51:22 Block5 Signal Turns Green
20:51:27 HS2 [Train 137 ] dep Block4 for Block5
20:51:32 Block4 Signal Turns Green
20:51:37 HS2 [Train 138 ] dep Block3 for Block4
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20:51:42 Block3 Signal Turns Green
20:51:47 HS2 [Train 139 ] dep Block2 for Block3
20:51:52 Block2 Signal Turns Green
20:51:53 HS2 [Train 128 ] arr Block14
20:51:53 Block14 Signal Turns Red
20:51:57 HS2 [Train 140 ] dep Block1 for Block2
20:51:58 HS2 [Train 128] dep Block14 for London Old Oak (DEPOT)
20:52:02 Block1 Signal Turns Green
20:52:03 Block14 Signal Turns Green
20:52:07 HS2 [Train 141] dep London Old Oak for Block1
20:52:12 London Old Oak Signal Turns Green
20:52:17 HS2 [Train 142 ] dep London Old Oak (DEPOT) for London Old Oak
20:52:18 HS2 [Train 128] arr London Old Oak (DEPOT)
20:52:18 London Old Oak (DEPOT) Signal Turns Red
20:52:37 HS2 [Train 142] arr London Old Oak
20:52:37 London Old Oak Signal Turns Red
20:53:30 HS2 [Train 129 ] arr Block13
20:53:30 Block13 Signal Turns Red
20:53:35 HS2 [Train 129] dep Block13 for Block14
20:53:40 Block13 Signal Turns Green
20:54:33 HS2 [Train 130 ] arr Block12
20:54:33 Block12 Signal Turns Red
20:54:38 HS2 [Train 130 ] dep Block12 for Block13
20:54:43 Block12 Signal Turns Green
20:54:56 HS2 [Train 133] arr Block9
20:54:56 Block9 Signal Turns Red
20:55:16 HS2 [Train 134 ] arr Block8
20:55:16 Block8 Signal Turns Red
20:55:27 HS2 [Train 135 ] arr Block7
20:55:27 Block7 Signal Turns Red
20:55:40 HS2 [Train 137] arr Block5
20:55:40 Block5 Signal Turns Red
20:55:49 HS2 [Train 138] arr Block4
20:55:49 Block4 Signal Turns Red
20:55:50 HS2 [Train 131 ] arr Block11
20:55:50 Block11 Signal Turns Red
20:55:55 HS2 [Train 131 ] dep Block11 for Block12
20:56:00 Block11 Signal Turns Green
20:56:13 HS2 [Train 132 ] arr Block10
20:56:13 Block10 Signal Turns Red
20:56:16 HS2 [Train 141 ] arr Block1
20:56:16 Block1 Signal Turns Red
20:56:17 HS2 [Train 139] arr Block3
20:56:17 Block3 Signal Turns Red
20:56:18 HS2 [Train 132 ] dep Block10 for Block11
20:56:18 HS2 [Train 136 ] arr Block6
20:56:18 Block6 Signal Turns Red
20:56:23 Block10 Signal Turns Green
20:56:28 HS2 [Train 133 ] dep Block9 for Block10
20:56:28 HS2 [Train 140 ] arr Block2
20:56:28 Block2 Signal Turns Red
20:56:33 Block9 Signal Turns Green
20:56:38 HS2 [Train 134] dep Block8 for Block9
20:56:43 Block8 Signal Turns Green
20:56:48 HS2 [Train 135 ] dep Block7 for Block8
20:56:53 Block7 Signal Turns Green
20:56:58 HS2 [Train 136 ] dep Block6 for Block7
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20:57:03 Block6 Signal Turns Green
20:57:08 HS2 [Train 137 ] dep Block5 for Block6
20:57:13 Block5 Signal Turns Green
20:57:18 HS2 [Train 138 ] dep Block4 for Block5
20:57:23 Block4 Signal Turns Green
20:57:28 HS2 [Train 139 ] dep Block3 for Block4
20:57:33 Block3 Signal Turns Green
20:57:38 HS2 [Train 140 ] dep Block2 for Block3
20:57:43 Block2 Signal Turns Green
20:57:45 HS2 [Train 129] arr Block14
20:57:45 Block14 Signal Turns Red
20:57:48 HS2 [Train 141 ] dep Block1 for Block2
20:57:50 HS2 [Train 129] dep Block14 for London Old Oak (DEPOT)
20:57:53 Block1 Signal Turns Green
20:57:55 Block14 Signal Turns Green
20:57:58 HS2 [Train 142 ] dep London Old Oak for Block1
20:58:03 London Old Oak Signal Turns Green
20:58:08 HS2 [Train 143 ] dep London Old Oak (DEPOT) for London Old Oak
20:58:10 HS2 [Train 129] arr London Old Oak (DEPOT)
20:58:10 London Old Oak (DEPOT) Signal Turns Red
20:58:28 HS2 [Train 143] arr London Old Oak
20:58:28 London Old Oak Signal Turns Red
20:59:22 HS2 [Train 130 ] arr Block13
20:59:22 Block13 Signal Turns Red
20:59:27 HS2 [Train 130] dep Block13 for Block14
20:59:32 Block13 Signal Turns Green
21:00:24 HS2 [Train 131 ] arr Block12
21:00:24 Block12 Signal Turns Red
21:00:29 HS2 [Train 131 ] dep Block12 for Block13
21:00:34 Block12 Signal Turns Green
21:00:48 HS2 [Train 134] arr Block9
21:00:48 Block9 Signal Turns Red
21:01:07 HS2 [Train 135 ] arr Block8
21:01:07 Block8 Signal Turns Red
21:01:18 HS2 [Train 136] arr Block7
21:01:18 Block7 Signal Turns Red
21:01:32 HS2 [Train 138] arr Block5
21:01:32 Block5 Signal Turns Red
21:01:41 HS2 [Train 139 ] arr Block4
21:01:41 Block4 Signal Turns Red
21:01:42 HS2 [Train 132 ] arr Block11
21:01:42 Block11 Signal Turns Red
21:01:47 HS2 [Train 132 ] dep Block11 for Block12
21:01:52 Block11 Signal Turns Green
21:02:05 HS2 [Train 133 ] arr Block10
21:02:05 Block10 Signal Turns Red
21:02:08 HS2 [Train 142] arr Block1
21:02:08 Block1 Signal Turns Red
21:02:08 HS2 [Train 140 ] arr Block3
21:02:08 Block3 Signal Turns Red
21:02:10 HS2 [Train 133 ] dep Block10 for Block11
21:02:10 HS2 [Train 137] arr Block6
21:02:10 Block6 Signal Turns Red
21:02:15 Block10 Signal Turns Green
21:02:20 HS2 [Train 134 ] dep Block9 for Block10
21:02:20 HS2 [Train 141] arr Block2
21:02:20 Block2 Signal Turns Red
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21:02:25 Block9 Signal Turns Green
21:02:30 HS2 [Train 135 ] dep Block8 for Block9
21:02:35 Block8 Signal Turns Green
21:02:40 HS2 [Train 136 ] dep Block7 for Block8
21:02:45 Block7 Signal Turns Green
21:02:50 HS2 [Train 137] dep Block6 for Block7
21:02:55 Block6 Signal Turns Green
21:03:00 HS2 [Train 138 ] dep Block5 for Block6
21:03:05 Block5 Signal Turns Green
21:03:10 HS2 [Train 139 ] dep Block4 for Block5
21:03:15 Block4 Signal Turns Green
21:03:20 HS2 [Train 140 ] dep Block3 for Block4
21:03:25 Block3 Signal Turns Green
21:03:30 HS2 [Train 141] dep Block2 for Block3
21:03:35 Block2 Signal Turns Green
21:03:36 HS2 [Train 130 ] arr Block14
21:03:36 Block14 Signal Turns Red
21:03:40 HS2 [Train 142 ] dep Block1 for Block2
21:03:41 HS2 [Train 130 ] dep Block14 for London Old Oak (DEPOT)
21:03:45 Block1 Signal Turns Green
21:03:46 Block14 Signal Turns Green
21:03:50 HS2 [Train 143 ] dep London Old Oak for Block1
21:03:55 London Old Oak Signal Turns Green
21:04:00 HS2 [Train 144] dep London Old Oak (DEPOT) for London Old Oak
21:04:01 HS2 [Train 130] arr London Old Oak (DEPOT)
21:04:01 London Old Oak (DEPOT) Signal Turns Red
21:04:20 HS2 [Train 144] arr London Old Oak
21:04:20 London Old Oak Signal Turns Red
21:05:14 HS2 [Train 131 ] arr Block13
21:05:14 Block13 Signal Turns Red
21:05:19 HS2 [Train 131] dep Block13 for Block14
21:05:24 Block13 Signal Turns Green
21:06:16 HS2 [Train 132 ] arr Block12
21:06:16 Block12 Signal Turns Red
21:06:21 HS2 [Train 132 ] dep Block12 for Block13
21:06:26 Block12 Signal Turns Green
21:06:39 HS2 [Train 135] arr Block9
21:06:39 Block9 Signal Turns Red
21:06:59 HS2 [Train 136] arr Block8
21:06:59 Block8 Signal Turns Red
21:07:10 HS2 [Train 137] arr Block7
21:07:10 Block7 Signal Turns Red
21:07:24 HS2 [Train 139 ] arr Block5
21:07:24 Block5 Signal Turns Red
21:07:32 HS2 [Train 140 ] arr Block4
21:07:32 Block4 Signal Turns Red
21:07:33 HS2 [Train 133 ] arr Block11
21:07:33 Block11 Signal Turns Red
21:07:38 HS2 [Train 133 ] dep Block11 for Block12
21:07:43 Block11 Signal Turns Green
21:07:56 HS2 [Train 134] arr Block10
21:07:56 Block10 Signal Turns Red
21:07:59 HS2 [Train 143] arr Block1
21:07:59 Block1 Signal Turns Red
21:08:00 HS2 [Train 141] arr Block3
21:08:00 Block3 Signal Turns Red
21:08:01 HS2 [Train 134 ] dep Block10 for Block11
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21:08:01 HS2 [Train 138] arr Block6
21:08:01 Block6 Signal Turns Red
21:08:06 Block10 Signal Turns Green
21:08:11 HS2 [Train 135] dep Block9 for Block10
21:08:12 HS2 [Train 142 ] arr Block2
21:08:12 Block2 Signal Turns Red
21:08:16 Block9 Signal Turns Green
21:08:21 HS2 [Train 136] dep Block8 for Block9
21:08:26 Block8 Signal Turns Green
21:08:31 HS2 [Train 137] dep Block7 for Block8
21:08:36 Block7 Signal Turns Green
21:08:41 HS2 [Train 138] dep Block6 for Block7
21:08:46 Block6 Signal Turns Green
21:08:51 HS2 [Train 139 ] dep Block5 for Block6
21:08:56 Block5 Signal Turns Green
21:09:01 HS2 [Train 140 ] dep Block4 for Block5
21:09:06 Block4 Signal Turns Green
21:09:11 HS2 [Train 141 ] dep Block3 for Block4
21:09:16 Block3 Signal Turns Green
21:09:21 HS2 [Train 142 ] dep Block2 for Block3
21:09:26 Block2 Signal Turns Green
21:09:28 HS2 [Train 131] arr Block14
21:09:28 Block14 Signal Turns Red
21:09:31 HS2 [Train 143 ] dep Block1 for Block2
21:09:33 HS2 [Train 131] dep Block14 for London Old Oak (DEPOT)
21:09:36 Block1 Signal Turns Green
21:09:38 Block14 Signal Turns Green
21:09:41 HS2 [Train 144] dep London Old Oak for Block1
21:09:46 London Old Oak Signal Turns Green
21:09:51 HS2 [Train 145] dep London Old Oak (DEPOT) for London Old Oak
21:09:53 HS2 [Train 131] arr London Old Oak (DEPOT)
21:09:53 London Old Oak (DEPOT) Signal Turns Red
21:10:11 HS2 [Train 145] arr London Old Oak
21:10:11 London Old Oak Signal Turns Red
21:11:05 HS2 [Train 132] arr Block13
21:11:05 Block13 Signal Turns Red
21:11:10 HS2 [Train 132] dep Block13 for Block14
21:11:15 Block13 Signal Turns Green
21:12:07 HS2 [Train 133 ] arr Block12
21:12:07 Block12 Signal Turns Red
21:12:12 HS2 [Train 133 ] dep Block12 for Block13
21:12:17 Block12 Signal Turns Green
21:12:31 HS2 [Train 136] arr Block9
21:12:31 Block9 Signal Turns Red
21:12:51 HS2 [Train 137 ] arr Block8
21:12:51 Block8 Signal Turns Red
21:13:01 HS2 [Train 138] arr Block7
21:13:01 Block7 Signal Turns Red
21:13:15 HS2 [Train 140 ] arr Block5
21:13:15 Block5 Signal Turns Red
21:13:24 HS2 [Train 141] arr Block4
21:13:24 Block4 Signal Turns Red
21:13:25 HS2 [Train 134] arr Block11
21:13:25 Block11 Signal Turns Red
21:13:30 HS2 [Train 134 ] dep Block11 for Block12
21:13:35 Block11 Signal Turns Green
21:13:48 HS2 [Train 135] arr Block10
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21:13:48 Block10 Signal Turns Red
21:13:51 HS2 [Train 144] arr Block1
21:13:51 Block1 Signal Turns Red
21:13:52 HS2 [Train 142 ] arr Block3
21:13:52 Block3 Signal Turns Red
21:13:53 HS2 [Train 135 ] dep Block10 for Block11
21:13:53 HS2 [Train 139 ] arr Block6
21:13:53 Block6 Signal Turns Red
21:13:58 Block10 Signal Turns Green
21:14:03 HS2 [Train 136 ] dep Block9 for Block10
21:14:03 HS2 [Train 143 ] arr Block2
21:14:03 Block2 Signal Turns Red
21:14:08 Block9 Signal Turns Green
21:14:13 HS2 [Train 137] dep Block8 for Block9
21:14:18 Block8 Signal Turns Green
21:14:23 HS2 [Train 138] dep Block7 for Block8
21:14:28 Block7 Signal Turns Green
21:14:33 HS2 [Train 139 ] dep Block6 for Block7
21:14:38 Block6 Signal Turns Green
21:14:43 HS2 [Train 140 ] dep Block5 for Block6
21:14:48 Block 5 Signal Turns Green
21:14:53 HS2 [Train 141 ] dep Block4 for Block5
21:14:58 Block4 Signal Turns Green
21:15:03 HS2 [Train 142 ] dep Block3 for Block4
21:15:08 Block3 Signal Turns Green
21:15:13 HS2 [Train 143 ] dep Block2 for Block3
21:15:18 Block2 Signal Turns Green
21:15:20 HS2 [Train 132] arr Block14
21:15:20 Block14 Signal Turns Red
21:15:23 HS2 [Train 144 ] dep Block1 for Block2
21:15:25 HS2 [Train 132] dep Block14 for London Old Oak (DEPOT)
21:15:28 Block1 Signal Turns Green
21:15:30 Block14 Signal Turns Green
21:15:33 HS2 [Train 145] dep London Old Oak for Block1
21:15:38 London Old Oak Signal Turns Green
21:15:43 HS2 [Train 146] dep London Old Oak (DEPOT) for London Old Oak
21:15:45 HS2 [Train 132] arr London Old Oak (DEPOT)
21:15:45 London Old Oak (DEPOT) Signal Turns Red
21:16:03 HS2 [Train 146] arr London Old Oak
21:16:03 London Old Oak Signal Turns Red
21:16:57 HS2 [Train 133] arr Block13
21:16:57 Block13 Signal Turns Red
21:17:02 HS2 [Train 133 ] dep Block13 for Block14
21:17:07 Block13 Signal Turns Green
21:17:59 HS2 [Train 134] arr Block12
21:17:59 Block12 Signal Turns Red
21:18:04 HS2 [Train 134 ] dep Block12 for Block13
21:18:09 Block12 Signal Turns Green
21:18:22 HS2 [Train 137] arr Block9
21:18:22 Block9 Signal Turns Red
21:18:42 HS2 [Train 138 ] arr Block8
21:18:42 Block8 Signal Turns Red
21:18:53 HS2 [Train 139] arr Block7
21:18:53 Block7 Signal Turns Red
21:19:07 HS2 [Train 141] arr Block5
21:19:07 Block5 Signal Turns Red
21:19:15 HS2 [Train 142] arr Block4
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21:19:15 Block4 Signal Turns Red
21:19:16 HS2 [Train 135] arr Block11
21:19:16 Block11 Signal Turns Red
21:19:21 HS2 [Train 135 ] dep Block11 for Block12
21:19:26 Block11 Signal Turns Green
21:19:40 HS2 [Train 136] arr Block10
21:19:40 Block10 Signal Turns Red
21:19:42 HS2 [Train 145] arr Block1
21:19:42 Block1 Signal Turns Red
21:19:43 HS2 [Train 143 ] arr Block3
21:19:43 Block3 Signal Turns Red
21:19:45 HS2 [Train 136 ] dep Block10 for Block11
21:19:45 HS2 [Train 140 ] arr Block6
21:19:45 Block6 Signal Turns Red
21:19:50 Block10 Signal Turns Green
21:19:55 HS2 [Train 137] dep Block9 for Block10
21:19:55 HS2 [Train 144] arr Block2
21:19:55 Block2 Signal Turns Red
21:20:00 Block9 Signal Turns Green
21:20:05 HS2 [Train 138 ] dep Block8 for Block9
21:20:10 Block8 Signal Turns Green
21:20:15 HS2 [Train 139 ] dep Block7 for Block8
21:20:20 Block7 Signal Turns Green
21:20:25 HS2 [Train 140 ] dep Block6 for Block7
21:20:30 Block6 Signal Turns Green
21:20:35 HS2 [Train 141] dep Block5 for Block6
21:20:40 Block5 Signal Turns Green
21:20:45 HS2 [Train 142 ] dep Block4 for Block5
21:20:50 Block4 Signal Turns Green
21:20:55 HS2 [Train 143 ] dep Block3 for Block4
21:21:00 Block3 Signal Turns Green
21:21:05 HS2 [Train 144 ] dep Block2 for Block3
21:21:10 Block2 Signal Turns Green
21:21:11 HS2 [Train 133 ] arr Block14
21:21:11 Block14 Signal Turns Red
21:21:15 HS2 [Train 145] dep Block1 for Block2
21:21:16 HS2 [Train 133 ] dep Block14 for London Old Oak (DEPOT)
21:21:20 Block1 Signal Turns Green
21:21:21 Block14 Signal Turns Green
21:21:25 HS2 [Train 146] dep London Old Oak for Block1
21:21:30 London Old Oak Signal Turns Green
21:21:35 HS2 [Train 147] dep London Old Oak (DEPOT) for London Old Oak
21:21:36 HS2 [Train 133] arr London Old Oak (DEPOT)
21:21:36 London Old Oak (DEPOT) Signal Turns Red
21:21:55 HS2 [Train 147] arr London Old Oak
21:21:55 London Old Oak Signal Turns Red
21:22:48 HS2 [Train 134] arr Block13
21:22:48 Block13 Signal Turns Red
21:22:53 HS2 [Train 134 ] dep Block13 for Block14
21:22:58 Block13 Signal Turns Green
21:23:51 HS2 [Train 135] arr Block12
21:23:51 Block12 Signal Turns Red
21:23:56 HS2 [Train 135 ] dep Block12 for Block13
21:24:01 Block12 Signal Turns Green
21:24:14 HS2 [Train 138] arr Block9
21:24:14 Block9 Signal Turns Red
21:24:34 HS2 [Train 139 ] arr Block8
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21:24:34 Block8 Signal Turns Red
21:24:44 HS2 [Train 140 ] arr Block7
21:24:44 Block7 Signal Turns Red
21:24:58 HS2 [Train 142] arr Block5
21:24:58 Block5 Signal Turns Red
21:25:07 HS2 [Train 143] arr Block4
21:25:07 Block4 Signal Turns Red
21:25:08 HS2 [Train 136] arr Block11
21:25:08 Block11 Signal Turns Red
21:25:13 HS2 [Train 136 ] dep Block11 for Block12
21:25:18 Block11 Signal Turns Green
21:25:31 HS2 [Train 137] arr Block10
21:25:31 Block10 Signal Turns Red
21:25:34 HS2 [Train 146] arr Block1
21:25:34 Block1 Signal Turns Red
21:25:35 HS2 [Train 144 ] arr Block3
21:25:35 Block3 Signal Turns Red
21:25:36 HS2 [Train 137] dep Block10 for Block11
21:25:36 HS2 [Train 141] arr Block6
21:25:36 Block6 Signal Turns Red
21:25:41 Block10 Signal Turns Green
21:25:46 HS2 [Train 138 ] dep Block9 for Block10
21:25:46 HS2 [Train 145] arr Block2
21:25:46 Block2 Signal Turns Red
21:25:51 Block9 Signal Turns Green
21:25:56 HS2 [Train 139] dep Block8 for Block9
21:26:01 Block8 Signal Turns Green
21:26:06 HS2 [Train 140 ] dep Block7 for Block8
21:26:11 Block7 Signal Turns Green
21:26:16 HS2 [Train 141 ] dep Block6 for Block7
21:26:21 Block6 Signal Turns Green
21:26:26 HS2 [Train 142 ] dep Block5 for Block6
21:26:31 Block5 Signal Turns Green
21:26:36 HS2 [Train 143 ] dep Block4 for Block5
21:26:41 Block4 Signal Turns Green
21:26:46 HS2 [Train 144 ] dep Block3 for Block4
21:26:51 Block3 Signal Turns Green
21:26:56 HS2 [Train 145 ] dep Block2 for Block3
21:27:01 Block2 Signal Turns Green
21:27:03 HS2 [Train 134] arr Block14
21:27:03 Block14 Signal Turns Red
21:27:06 HS2 [Train 146 ] dep Block1 for Block2
21:27:08 HS2 [Train 134] dep Block14 for London Old Oak (DEPOT)
21:27:11 Block1 Signal Turns Green
21:27:13 Block14 Signal Turns Green
21:27:16 HS2 [Train 147] dep London Old Oak for Block1
21:27:21 London Old Oak Signal Turns Green
21:27:26 HS2 [Train 148] dep London Old Oak (DEPOT) for London Old Oak
21:27:28 HS2 [Train 134] arr London Old Oak (DEPOT)
21:27:28 London Old Oak (DEPOT) Signal Turns Red
21:27:46 HS2 [Train 148] arr London Old Oak
21:27:46 London Old Oak Signal Turns Red
21:28:40 HS2 [Train 135] arr Block13
21:28:40 Block13 Signal Turns Red
21:28:45 HS2 [Train 135] dep Block13 for Block14
21:28:50 Block13 Signal Turns Green
21:29:42 HS2 [Train 136] arr Block12
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21:29:42 Block12 Signal Turns Red
21:29:47 HS2 [Train 136] dep Block12 for Block13
21:29:52 Block12 Signal Turns Green
21:30:05 HS2 [Train 139] arr Block9
21:30:05 Block9 Signal Turns Red
21:30:25 HS2 [Train 140 ] arr Block8
21:30:25 Block8 Signal Turns Red
21:30:36 HS2 [Train 141] arr Block7
21:30:36 Block7 Signal Turns Red
21:30:50 HS2 [Train 143] arr Block5
21:30:50 Block5 Signal Turns Red
21:30:58 HS2 [Train 144] arr Block4
21:30:58 Block4 Signal Turns Red
21:30:59 HS2 [Train 137] arr Block11
21:30:59 Block11 Signal Turns Red
21:31:04 HS2 [Train 137] dep Block11 for Block12
21:31:09 Block11 Signal Turns Green
21:31:23 HS2 [Train 138] arr Block10
21:31:23 Block10 Signal Turns Red
21:31:26 HS2 [Train 147] arr Block1
21:31:26 Block1 Signal Turns Red
21:31:26 HS2 [Train 145] arr Block3
21:31:26 Block3 Signal Turns Red
21:31:28 HS2 [Train 138 ] dep Block10 for Block11
21:31:28 HS2 [Train 142] arr Block6
21:31:28 Block6 Signal Turns Red
21:31:33 Block10 Signal Turns Green
21:31:38 HS2 [Train 139 ] dep Block9 for Block10
21:31:38 HS2 [Train 146 ] arr Block2
21:31:38 Block2 Signal Turns Red
21:31:43 Block9 Signal Turns Green
21:31:48 HS2 [Train 140 ] dep Block8 for Block9
21:31:53 Block8 Signal Turns Green
21:31:58 HS2 [Train 141 ] dep Block7 for Block8
21:32:03 Block7 Signal Turns Green
21:32:08 HS2 [Train 142 ] dep Block6 for Block7
21:32:13 Block6 Signal Turns Green
21:32:18 HS2 [Train 143 ] dep Block5 for Block6
21:32:23 Block5 Signal Turns Green
21:32:28 HS2 [Train 144 ] dep Block4 for Block5
21:32:33 Block4 Signal Turns Green
21:32:38 HS2 [Train 145] dep Block3 for Block4
21:32:43 Block3 Signal Turns Green
21:32:48 HS2 [Train 146 ] dep Block2 for Block3
21:32:53 Block2 Signal Turns Green
21:32:54 HS2 [Train 135] arr Block14
21:32:54 Block14 Signal Turns Red
21:32:58 HS2 [Train 147] dep Block1 for Block2
21:32:59 HS2 [Train 135] dep Block14 for London Old Oak (DEPOT)
21:33:03 Block1 Signal Turns Green
21:33:04 Block14 Signal Turns Green
21:33:08 HS2 [Train 148 ] dep London Old Oak for Block1
21:33:13 London Old Oak Signal Turns Green
21:33:18 HS2 [Train 149] dep London Old Oak (DEPOT) for London Old Oak
21:33:19 HS2 [Train 135] arr London Old Oak (DEPOT)
21:33:19 London Old Oak (DEPOT) Signal Turns Red
21:33:38 HS2 [Train 149 ] arr London Old Oak
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21:33:38 London Old Oak Signal Turns Red
21:34:32 HS2 [Train 136] arr Block13
21:34:32 Block13 Signal Turns Red
21:34:37 HS2 [Train 136 ] dep Block13 for Block14
21:34:42 Block13 Signal Turns Green
21:35:34 HS2 [Train 137] arr Block12
21:35:34 Block12 Signal Turns Red
21:35:39 HS2 [Train 137 ] dep Block12 for Block13
21:35:44 Block12 Signal Turns Green
21:35:57 HS2 [Train 140 ] arr Block9
21:35:57 Block9 Signal Turns Red
21:36:17 HS2 [Train 141] arr Block8
21:36:17 Block8 Signal Turns Red
21:36:28 HS2 [Train 142] arr Block7
21:36:28 Block7 Signal Turns Red
21:36:41 HS2 [Train 144 ] arr Block5
21:36:41 Block5 Signal Turns Red
21:36:50 HS2 [Train 145] arr Block4
21:36:50 Block4 Signal Turns Red
21:36:51 HS2 [Train 138] arr Block11
21:36:51 Block11 Signal Turns Red
21:36:56 HS2 [Train 138 ] dep Block11 for Block12
21:37:01 Block11 Signal Turns Green
21:37:14 HS2 [Train 139 ] arr Block10
21:37:14 Block10 Signal Turns Red
21:37:17 HS2 [Train 148] arr Block1
21:37:17 Block1 Signal Turns Red
21:37:18 HS2 [Train 146] arr Block3
21:37:18 Block3 Signal Turns Red
21:37:19 HS2 [Train 139 ] dep Block10 for Block11
21:37:19 HS2 [Train 143 ] arr Block6
21:37:19 Block6 Signal Turns Red
21:37:24 Block10 Signal Turns Green
21:37:29 HS2 [Train 140 ] dep Block9 for Block10
21:37:29 HS2 [Train 147] arr Block2
21:37:29 Block2 Signal Turns Red
21:37:34 Block9 Signal Turns Green
21:37:39 HS2 [Train 141] dep Block8 for Block9
21:37:44 Block8 Signal Turns Green
21:37:49 HS2 [Train 142 ] dep Block7 for Block8
21:37:54 Block7 Signal Turns Green
21:37:59 HS2 [Train 143 ] dep Block6 for Block7
21:38:04 Block6 Signal Turns Green
21:38:09 HS2 [Train 144 ] dep Block5 for Block6
21:38:14 Block 5 Signal Turns Green
21:38:19 HS2 [Train 145 ] dep Block4 for Block5
21:38:24 Block4 Signal Turns Green
21:38:29 HS2 [Train 146 ] dep Block3 for Block4
21:38:34 Block3 Signal Turns Green
21:38:39 HS2 [Train 147] dep Block2 for Block3
21:38:44 Block2 Signal Turns Green
21:38:46 HS2 [Train 136] arr Block14
21:38:46 Block14 Signal Turns Red
21:38:49 HS2 [Train 148] dep Block1 for Block2
21:38:51 HS2 [Train 136] dep Block14 for London Old Oak (DEPOT)
21:38:54 Block1 Signal Turns Green
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21:38:56 Block14 Signal Turns Green

21:38:59 HS2 [Train 149] dep London Old Oak for Block1 21:39:04 London Old Oak Signal Turns Green 21:39:09 HS2 [Train 150] dep London Old Oak (DEPOT) for London Old Oak 21:39:11 HS2 [Train 136] arr London Old Oak (DEPOT) 21:39:11 London Old Oak (DEPOT) Signal Turns Red 21:39:29 HS2 [Train 150] arr London Old Oak 21:39:29 London Old Oak Signal Turns Red 21:40:23 HS2 [Train 137] arr Block13 21:40:23 Block13 Signal Turns Red 21:40:28 HS2 [Train 137] dep Block13 for Block14 21:40:33 Block13 Signal Turns Green 21:41:25 HS2 [Train 138] arr Block12 21:41:25 Block12 Signal Turns Red 21:41:30 HS2 [Train 138] dep Block12 for Block13 21:41:35 Block12 Signal Turns Green 21:41:49 HS2 [Train 141] arr Block9 21:41:49 Block9 Signal Turns Red 21:42:09 HS2 [Train 142] arr Block8 21:42:09 Block8 Signal Turns Red 21:42:19 HS2 [Train 143] arr Block7 21:42:19 Block7 Signal Turns Red 21:42:33 HS2 [Train 145] arr Block5 21:42:33 Block5 Signal Turns Red 21:42:42 HS2 [Train 146] arr Block4 21:42:42 Block4 Signal Turns Red 21:42:43 HS2 [Train 139] arr Block11 21:42:43 Block11 Signal Turns Red 21:42:48 HS2 [Train 139] dep Block11 for Block12 21:42:53 Block11 Signal Turns Green 21:43:06 HS2 [Train 140] arr Block10 21:43:06 Block10 Signal Turns Red 21:43:09 HS2 [Train 149] arr Block1 21:43:09 Block1 Signal Turns Red 21:43:09 HS2 [Train 147] arr Block3 21:43:09 Block3 Signal Turns Red 21:43:11 HS2 [Train 140] dep Block10 for Block11 21:43:11 HS2 [Train 144] arr Block6 21:43:11 Block6 Signal Turns Red 21:43:16 Block10 Signal Turns Green 21:43:21 HS2 [Train 141] dep Block9 for Block10 21:43:21 HS2 [Train 148] arr Block2 21:43:21 Block2 Signal Turns Red 21:43:26 Block9 Signal Turns Green 21:43:31 HS2 [Train 142] dep Block8 for Block9 21:43:36 Block8 Signal Turns Green 21:43:41 HS2 [Train 143] dep Block7 for Block8 21:43:46 Block7 Signal Turns Green 21:43:51 HS2 [Train 144] dep Block6 for Block7 21:43:56 Block6 Signal Turns Green 21:44:01 HS2 [Train 145] dep Block5 for Block6 21:44:06 Block5 Signal Turns Green 21:44:11 HS2 [Train 146] dep Block4 for Block5 21:44:16 Block4 Signal Turns Green 21:44:21 HS2 [Train 147] dep Block3 for Block4 21:44:26 Block3 Signal Turns Green 21:44:31 HS2 [Train 148] dep Block2 for Block3 21:44:36 Block2 Signal Turns Green

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x18203621_MSO_CA1_Code
21:44:38 HS2 [Train 137] arr Block14
21:44:38 Block14 Signal Turns Red
21:44:41 HS2 [Train 149 ] dep Block1 for Block2
21:44:43 HS2 [Train 137] dep Block14 for London Old Oak (DEPOT)
21:44:46 Block1 Signal Turns Green
21:44:48 Block14 Signal Turns Green
21:44:51 HS2 [Train 150 ] dep London Old Oak for Block1
21:44:56 London Old Oak Signal Turns Green
21:45:01 HS2 [Train 151] dep London Old Oak (DEPOT) for London Old Oak
21:45:03 HS2 [Train 137] arr London Old Oak (DEPOT)
21:45:03 London Old Oak (DEPOT) Signal Turns Red
21:45:21 HS2 [Train 151] arr London Old Oak
21:45:21 London Old Oak Signal Turns Red
21:46:15 HS2 [Train 138] arr Block13
21:46:15 Block13 Signal Turns Red
21:46:20 HS2 [Train 138 ] dep Block13 for Block14
21:46:25 Block13 Signal Turns Green
21:47:17 HS2 [Train 139 ] arr Block12
21:47:17 Block12 Signal Turns Red
21:47:22 HS2 [Train 139 ] dep Block12 for Block13
21:47:27 Block12 Signal Turns Green
21:47:40 HS2 [Train 142] arr Block9
21:47:40 Block9 Signal Turns Red
21:48:00 HS2 [Train 143] arr Block8
21:48:00 Block8 Signal Turns Red
21:48:11 HS2 [Train 144] arr Block7
21:48:11 Block7 Signal Turns Red
21:48:25 HS2 [Train 146] arr Block5
21:48:25 Block5 Signal Turns Red
21:48:33 HS2 [Train 147] arr Block4
21:48:33 Block4 Signal Turns Red
21:48:34 HS2 [Train 140 ] arr Block11
21:48:34 Block11 Signal Turns Red
21:48:39 HS2 [Train 140 ] dep Block11 for Block12
21:48:44 Block11 Signal Turns Green
21:48:57 HS2 [Train 141] arr Block10
21:48:57 Block10 Signal Turns Red
21:49:00 HS2 [Train 150 ] arr Block1
21:49:00 Block1 Signal Turns Red
21:49:01 HS2 [Train 148] arr Block3
21:49:01 Block3 Signal Turns Red
21:49:02 HS2 [Train 141] dep Block10 for Block11
21:49:03 HS2 [Train 145] arr Block6
21:49:03 Block6 Signal Turns Red
21:49:07 Block10 Signal Turns Green
21:49:12 HS2 [Train 142 ] dep Block9 for Block10
21:49:13 HS2 [Train 149 ] arr Block2
21:49:13 Block2 Signal Turns Red
21:49:17 Block9 Signal Turns Green
21:49:22 HS2 [Train 143 ] dep Block8 for Block9
21:49:27 Block8 Signal Turns Green
21:49:32 HS2 [Train 144 ] dep Block7 for Block8
21:49:37 Block7 Signal Turns Green
21:49:42 HS2 [Train 145] dep Block6 for Block7
21:49:47 Block6 Signal Turns Green
21:49:52 HS2 [Train 146 ] dep Block5 for Block6
21:49:57 Block5 Signal Turns Green
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21:50:02 HS2 [Train 147] dep Block4 for Block5
21:50:07 Block4 Signal Turns Green
21:50:12 HS2 [Train 148 ] dep Block3 for Block4
21:50:17 Block3 Signal Turns Green
21:50:22 HS2 [Train 149 ] dep Block2 for Block3
21:50:27 Block2 Signal Turns Green
21:50:29 HS2 [Train 138 ] arr Block14
21:50:29 Block14 Signal Turns Red
21:50:32 HS2 [Train 150 ] dep Block1 for Block2
21:50:34 HS2 [Train 138] dep Block14 for London Old Oak (DEPOT)
21:50:37 Block1 Signal Turns Green
21:50:39 Block14 Signal Turns Green
21:50:42 HS2 [Train 151] dep London Old Oak for Block1
21:50:47 London Old Oak Signal Turns Green
21:50:52 HS2 [Train 152 ] dep London Old Oak (DEPOT) for London Old Oak
21:50:54 HS2 [Train 138] arr London Old Oak (DEPOT)
21:50:54 London Old Oak (DEPOT) Signal Turns Red
21:51:12 HS2 [Train 152 ] arr London Old Oak
21:51:12 London Old Oak Signal Turns Red
21:52:06 HS2 [Train 139 ] arr Block13
21:52:06 Block13 Signal Turns Red
21:52:11 HS2 [Train 139 ] dep Block13 for Block14
21:52:16 Block13 Signal Turns Green
21:53:08 HS2 [Train 140 ] arr Block12
21:53:08 Block12 Signal Turns Red
21:53:13 HS2 [Train 140 ] dep Block12 for Block13
21:53:18 Block12 Signal Turns Green
21:53:32 HS2 [Train 143] arr Block9
21:53:32 Block9 Signal Turns Red
21:53:52 HS2 [Train 144 ] arr Block8
21:53:52 Block8 Signal Turns Red
21:54:02 HS2 [Train 145] arr Block7
21:54:02 Block7 Signal Turns Red
21:54:16 HS2 [Train 147] arr Block5
21:54:16 Block5 Signal Turns Red
21:54:25 HS2 [Train 148] arr Block4
21:54:25 Block4 Signal Turns Red
21:54:26 HS2 [Train 141 ] arr Block11
21:54:26 Block11 Signal Turns Red
21:54:31 HS2 [Train 141 ] dep Block11 for Block12
21:54:36 Block11 Signal Turns Green
21:54:49 HS2 [Train 142 ] arr Block10
21:54:49 Block10 Signal Turns Red
21:54:52 HS2 [Train 151] arr Block1
21:54:52 Block1 Signal Turns Red
21:54:53 HS2 [Train 149 ] arr Block3
21:54:53 Block3 Signal Turns Red
21:54:54 HS2 [Train 142] dep Block10 for Block11
21:54:54 HS2 [Train 146] arr Block6
21:54:54 Block6 Signal Turns Red
21:54:59 Block10 Signal Turns Green
21:55:04 HS2 [Train 143 ] dep Block9 for Block10
21:55:04 HS2 [Train 150] arr Block2
21:55:04 Block2 Signal Turns Red
21:55:09 Block9 Signal Turns Green
21:55:14 HS2 [Train 144] dep Block8 for Block9
21:55:19 Block8 Signal Turns Green
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x18203621 MSO CA1 Code
21:55:24 HS2 [Train 145 ] dep Block7 for Block8
21:55:29 Block7 Signal Turns Green
21:55:34 HS2 [Train 146 ] dep Block6 for Block7
21:55:39 Block6 Signal Turns Green
21:55:44 HS2 [Train 147] dep Block5 for Block6
21:55:49 Block5 Signal Turns Green
21:55:54 HS2 [Train 148 ] dep Block4 for Block5
21:55:59 Block4 Signal Turns Green
21:56:04 HS2 [Train 149 ] dep Block3 for Block4
21:56:09 Block3 Signal Turns Green
21:56:14 HS2 [Train 150 ] dep Block2 for Block3
21:56:19 Block2 Signal Turns Green
21:56:21 HS2 [Train 139] arr Block14
21:56:21 Block14 Signal Turns Red
21:56:24 HS2 [Train 151] dep Block1 for Block2
21:56:26 HS2 [Train 139 ] dep Block14 for London Old Oak (DEPOT)
21:56:29 Block1 Signal Turns Green
21:56:31 Block14 Signal Turns Green
21:56:34 HS2 [Train 152] dep London Old Oak for Block1
21:56:39 London Old Oak Signal Turns Green
21:56:44 HS2 [Train 153] dep London Old Oak (DEPOT) for London Old Oak
21:56:46 HS2 [Train 139] arr London Old Oak (DEPOT)
21:56:46 London Old Oak (DEPOT) Signal Turns Red
21:57:04 HS2 [Train 153 ] arr London Old Oak
21:57:04 London Old Oak Signal Turns Red
21:57:58 HS2 [Train 140 ] arr Block13
21:57:58 Block13 Signal Turns Red
21:58:03 HS2 [Train 140 ] dep Block13 for Block14
21:58:08 Block13 Signal Turns Green
21:59:00 HS2 [Train 141] arr Block12
21:59:00 Block12 Signal Turns Red
21:59:05 HS2 [Train 141 ] dep Block12 for Block13
21:59:10 Block12 Signal Turns Green
21:59:23 HS2 [Train 144] arr Block9
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21:59:23 Block9 Signal Turns Red

21:59:43 HS2 [Train 145] arr Block8

21:59:43 Block8 Signal Turns Red

21:59:54 HS2 [Train 146] arr Block7

21:59:54 Block7 Signal Turns Red

Max Trains that can travel between 7am to 10pm with an incident happended due to temporary b reakdown 210