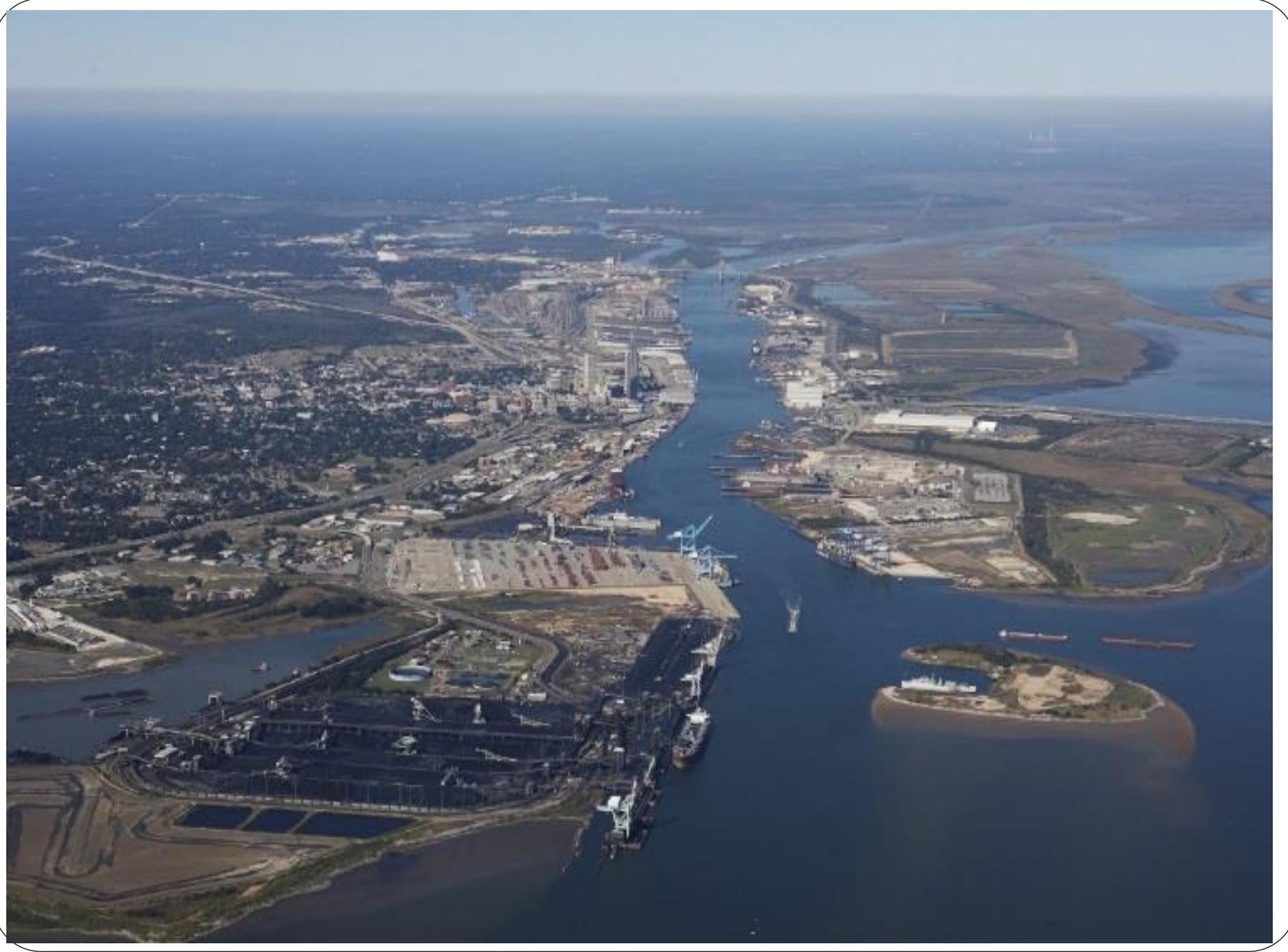


McDuffie Coal Terminal



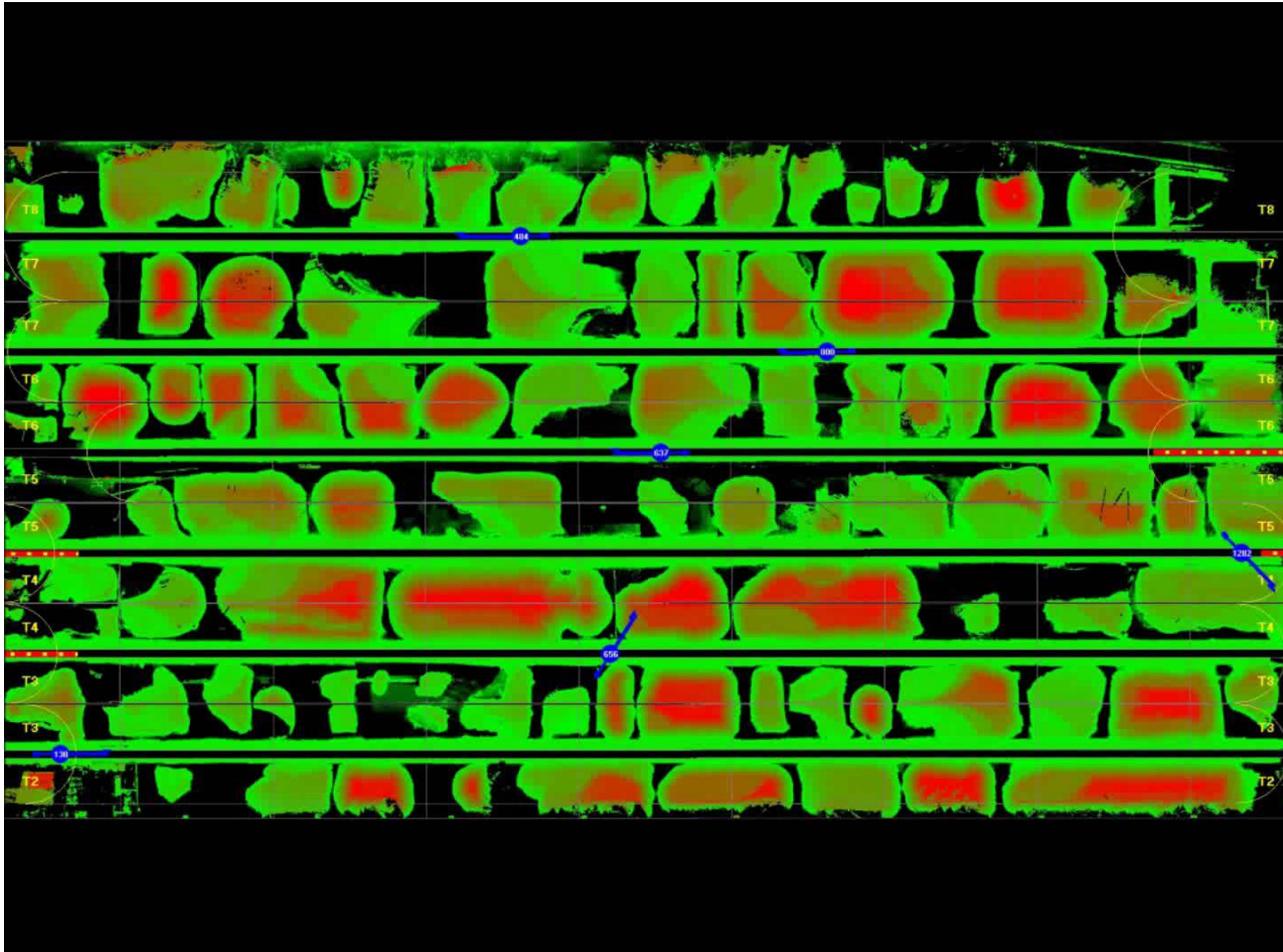
Alabama State Port Authority







Stockyard Automation (video)









SR2

Reclaiming - active
 Manual mode
 Automatic mode

Yard: 2N 925 to 387
Cur. amount: 2136 t
Amount to do: 0 t
Set amount: 0 t

Reclaim rate: 2459 t/h

SR3

Manual Mode
 Manual mode
 Automatic mode

Yard: to
Cur. amount: 0 t
Amount to do: 0 t
Set amount: 0 t

Reclaim rate: 0 t/h

SR5

Reclaiming - active
 Manual mode
 Automatic mode

Yard: 2N 1190 to 1640
Cur. amount: 2783 t
Amount to do: 0 t
Set amount: 0 t

Reclaim rate: 877 t/h

SR6

Manual Mode
 Manual mode
 Automatic mode

Yard: to
Cur. amount: 81553 t
Amount to do: 0 t
Set amount: 0 t

Reclaim rate: 0 t/h

WS1

Manual Mode
 Manual mode
 Automatic mode

Yard: 3S 180 to 610
Cur. amount: 0 t
Dist. to Material: 98'5"
Cur. height: 48'7"
Flow rate: 0 t/h

SR2 | SR3 | SR5 | SR6 | WS1

Order | Performance | Status | Anti Collision

Mode:

File:

Yard: from to ft

Material type:

Set amount: t

Reclaim rate setpoint: t/h

Additional amount: t

Pilgrim step: ft

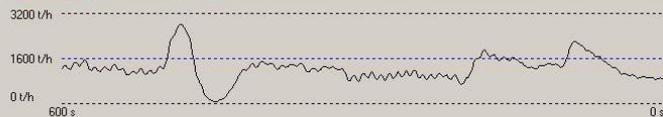
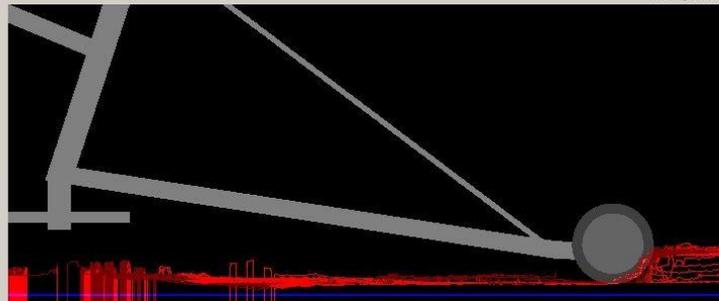
Ground layer off limits:

Reclaim ground layer first:

Reclaim top layer first:

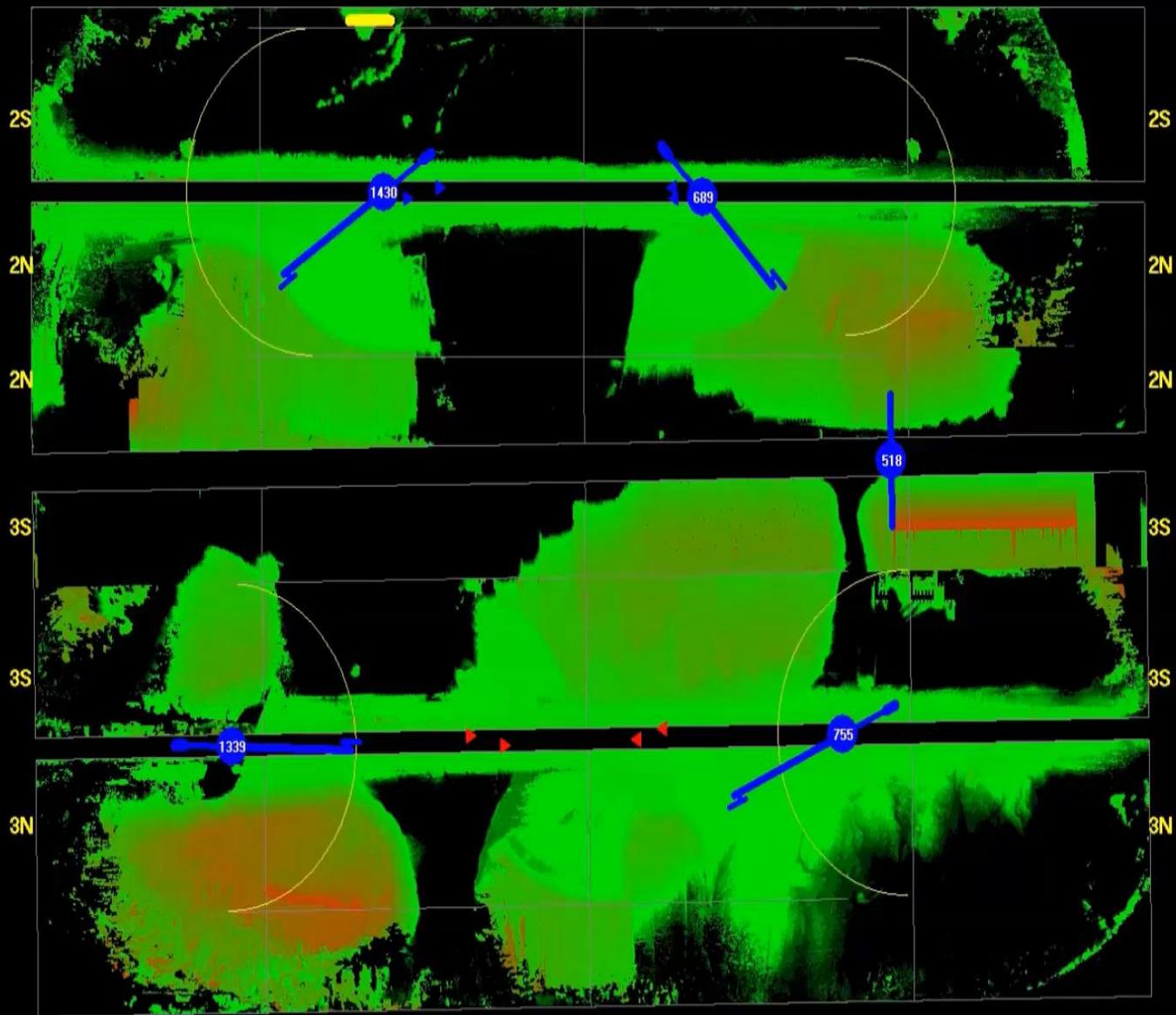
Reclaim 3B Reclaim 3A

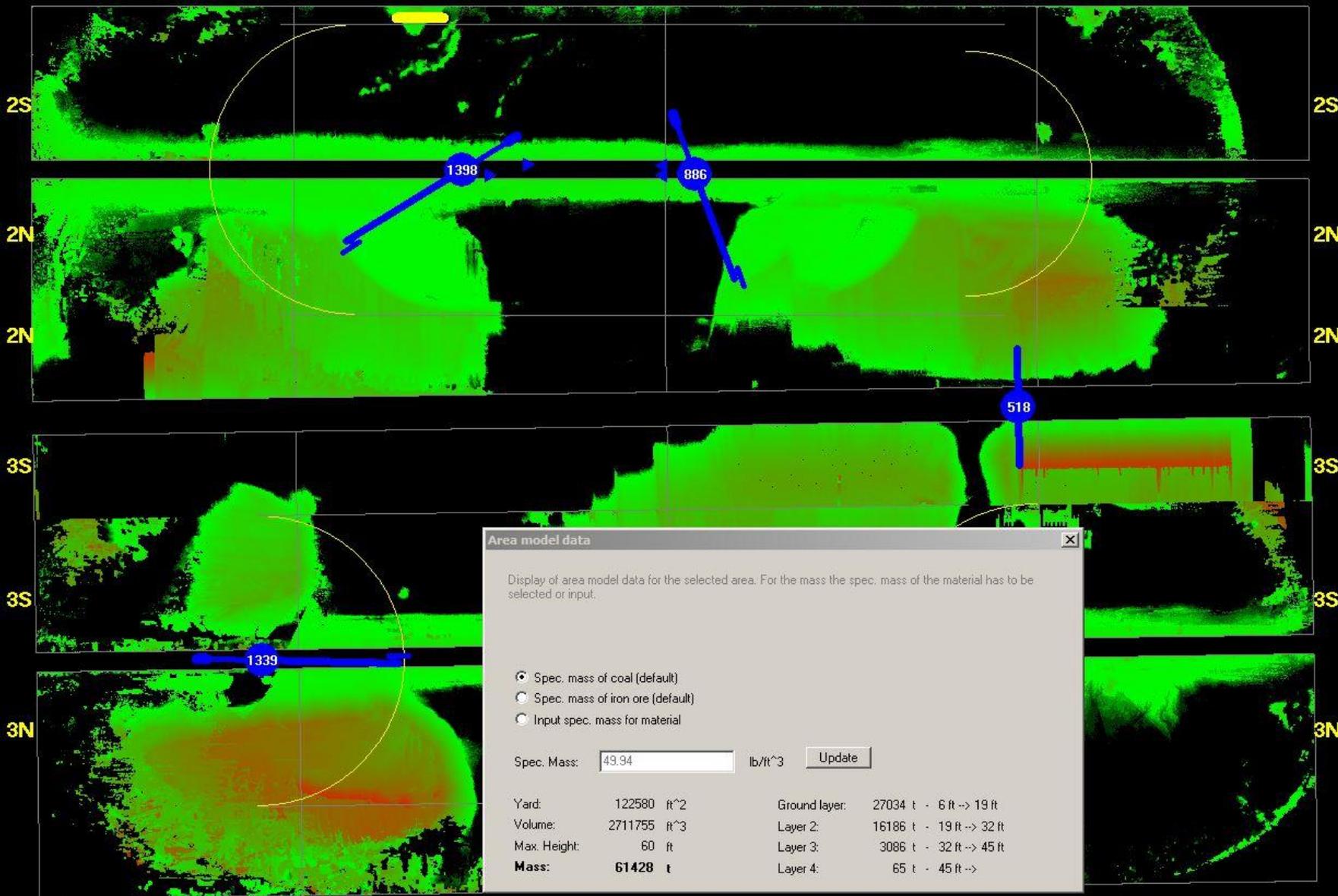
SR5



▼ Slewing to the yardbelt







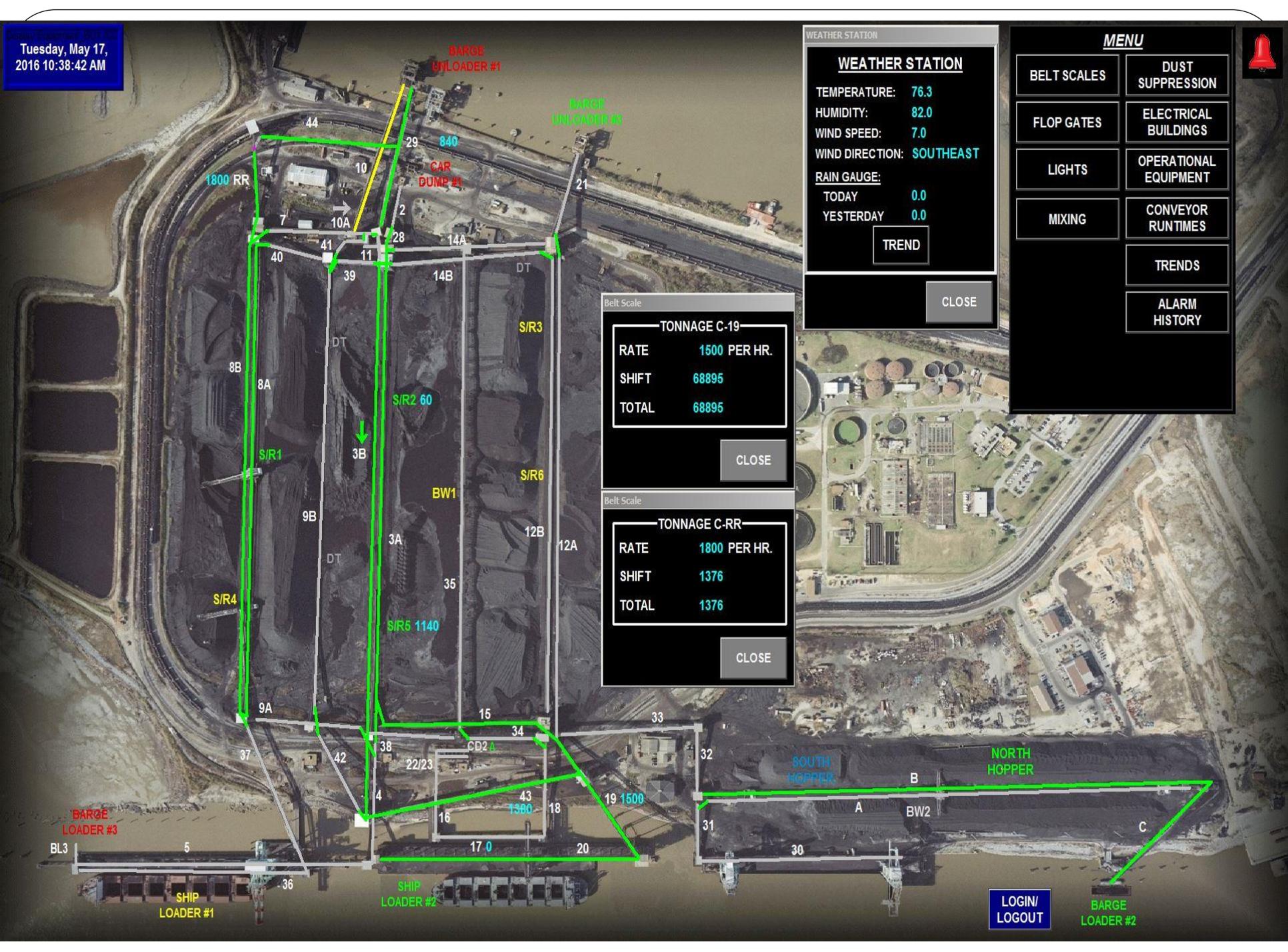
Area model data

Display of area model data for the selected area. For the mass the spec. mass of the material has to be selected or input.

- Spec. mass of coal (default)
- Spec. mass of iron ore (default)
- Input spec. mass for material

Spec. Mass: lb/ft³

Yard:	122580 ft ²	Ground layer:	27034 t · 6 ft → 19 ft
Volume:	2711755 ft ³	Layer 2:	16186 t · 19 ft → 32 ft
Max. Height:	60 ft	Layer 3:	3086 t · 32 ft → 45 ft
Mass:	61428 t	Layer 4:	65 t · 45 ft →



WEATHER STATION

WEATHER STATION

TEMPERATURE: 76.3
 HUMIDITY: 82.0
 WIND SPEED: 7.0
 WIND DIRECTION: **SOUTHEAST**
 RAIN GAUGE:
 TODAY 0.0
 YESTERDAY 0.0

TREND

CLOSE

MENU

BELT SCALES

FLOP GATES

LIGHTS

MIXING

DUST SUPPRESSION

ELECTRICAL BUILDINGS

OPERATIONAL EQUIPMENT

CONVEYOR RUNTIMES

TRENDS

ALARM HISTORY

Belt Scale

TONNAGE C-19

RATE 1500 PER HR.
 SHIFT 68895
 TOTAL 68895

CLOSE

Belt Scale

TONNAGE C-RR

RATE 1800 PER HR.
 SHIFT 1376
 TOTAL 1376

CLOSE

LOGIN/LOGOUT

BARGE LOADER #2









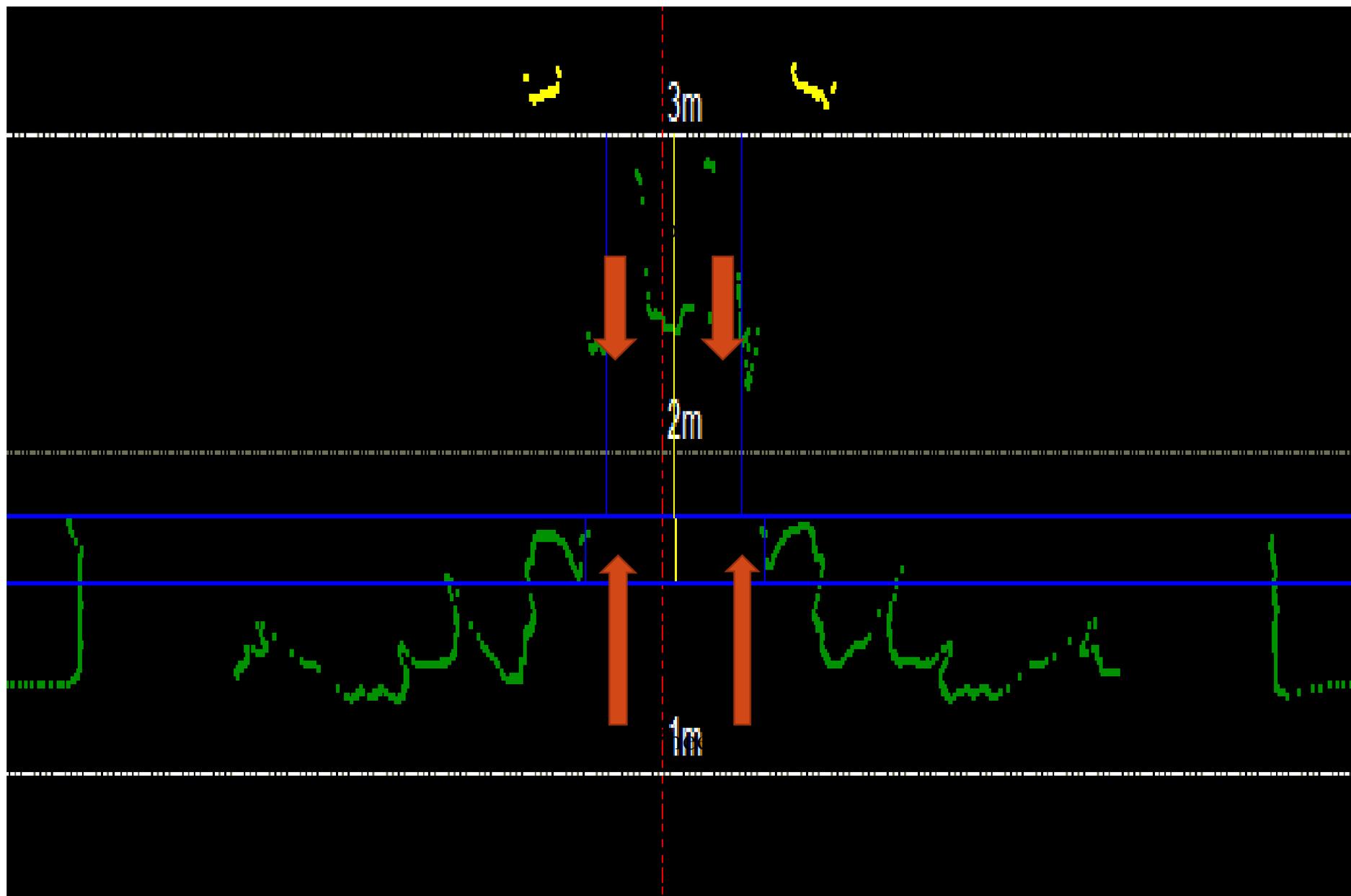








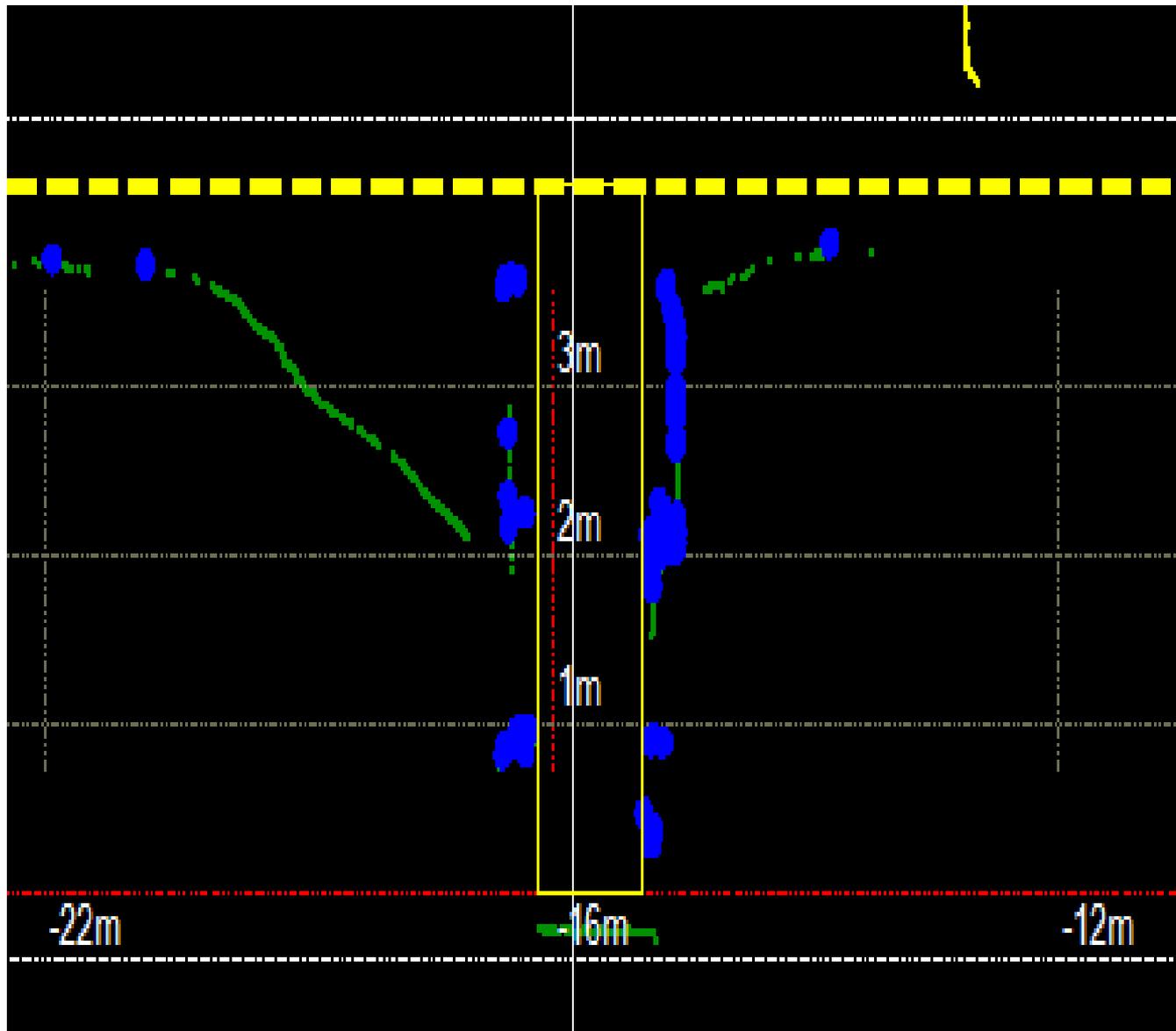




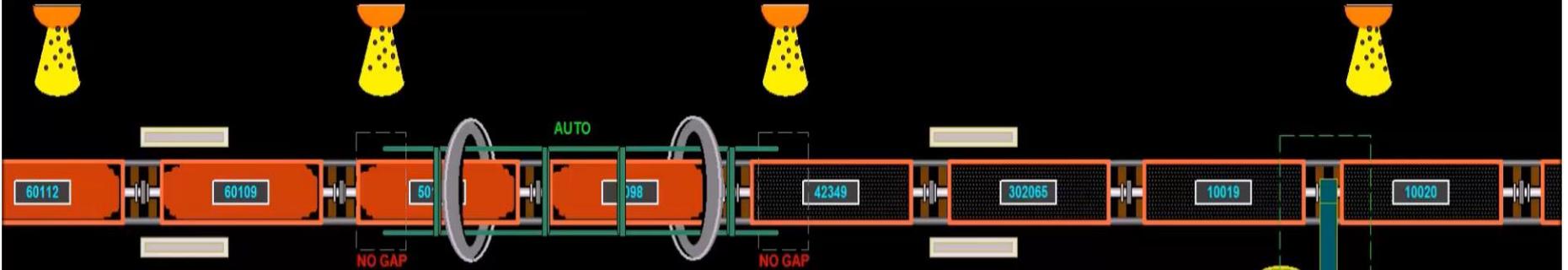






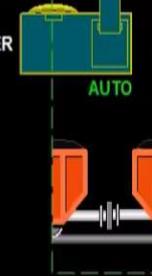


Wednesday, May 18,
2016 10:45:00 AM

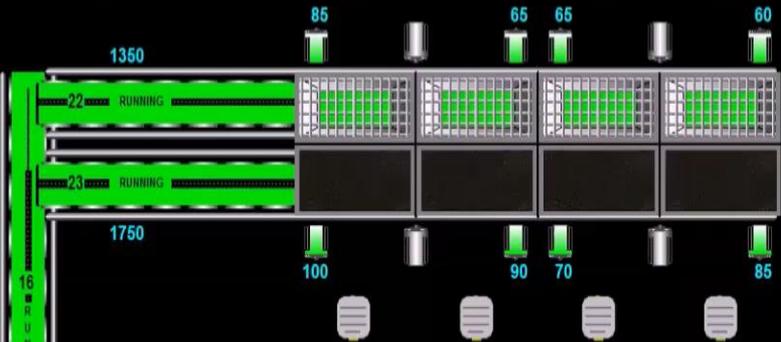


NO. OF CARS DUMPED: 70

ENCODER



RATE SET POINT
3000 TPH



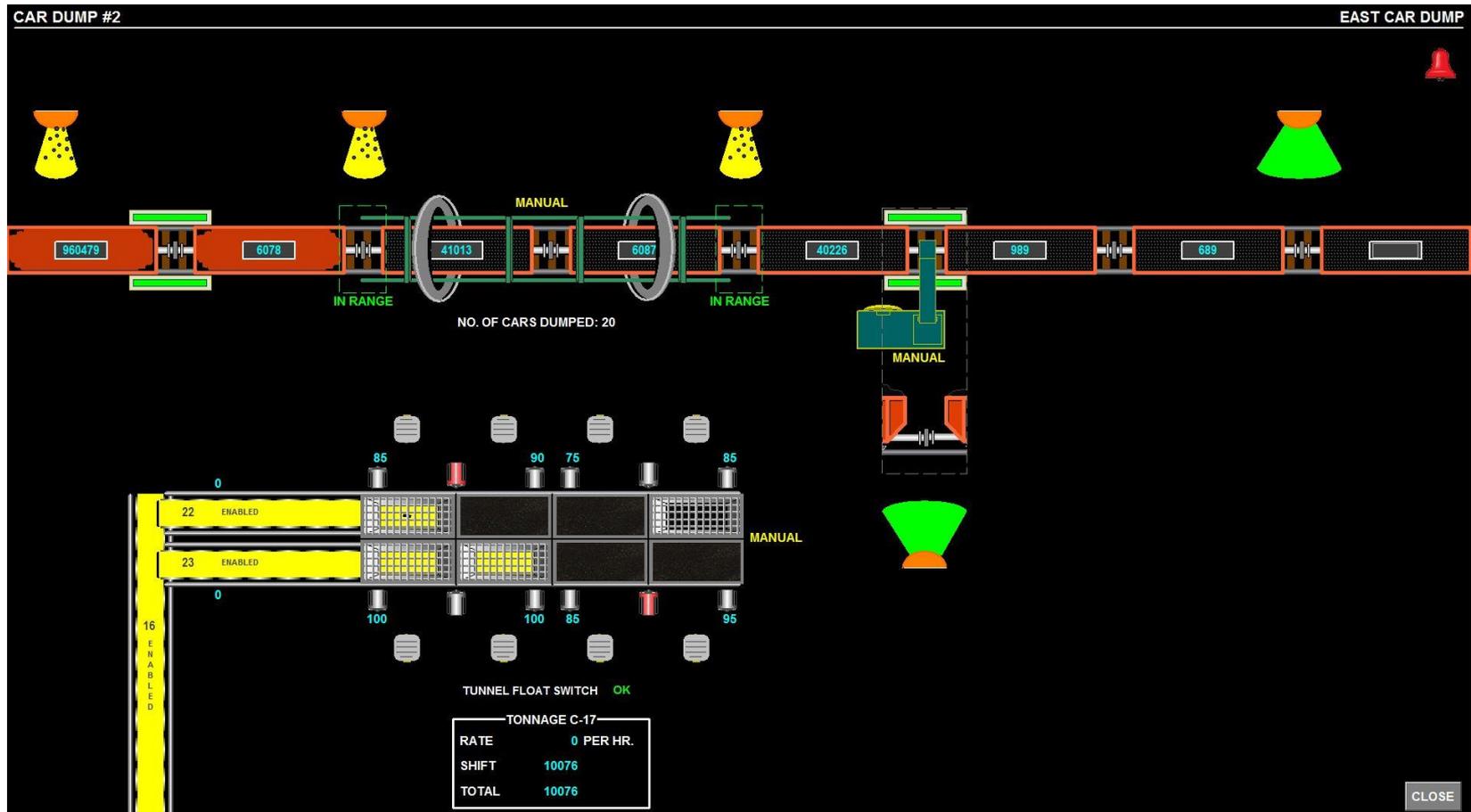
TUNNEL FLOAT SWITCH OK

TONNAGE C-17	
RATE	3240 PER HR.
SHIFT	1578
TOTAL	7286

CLOSE

Dumper Overview

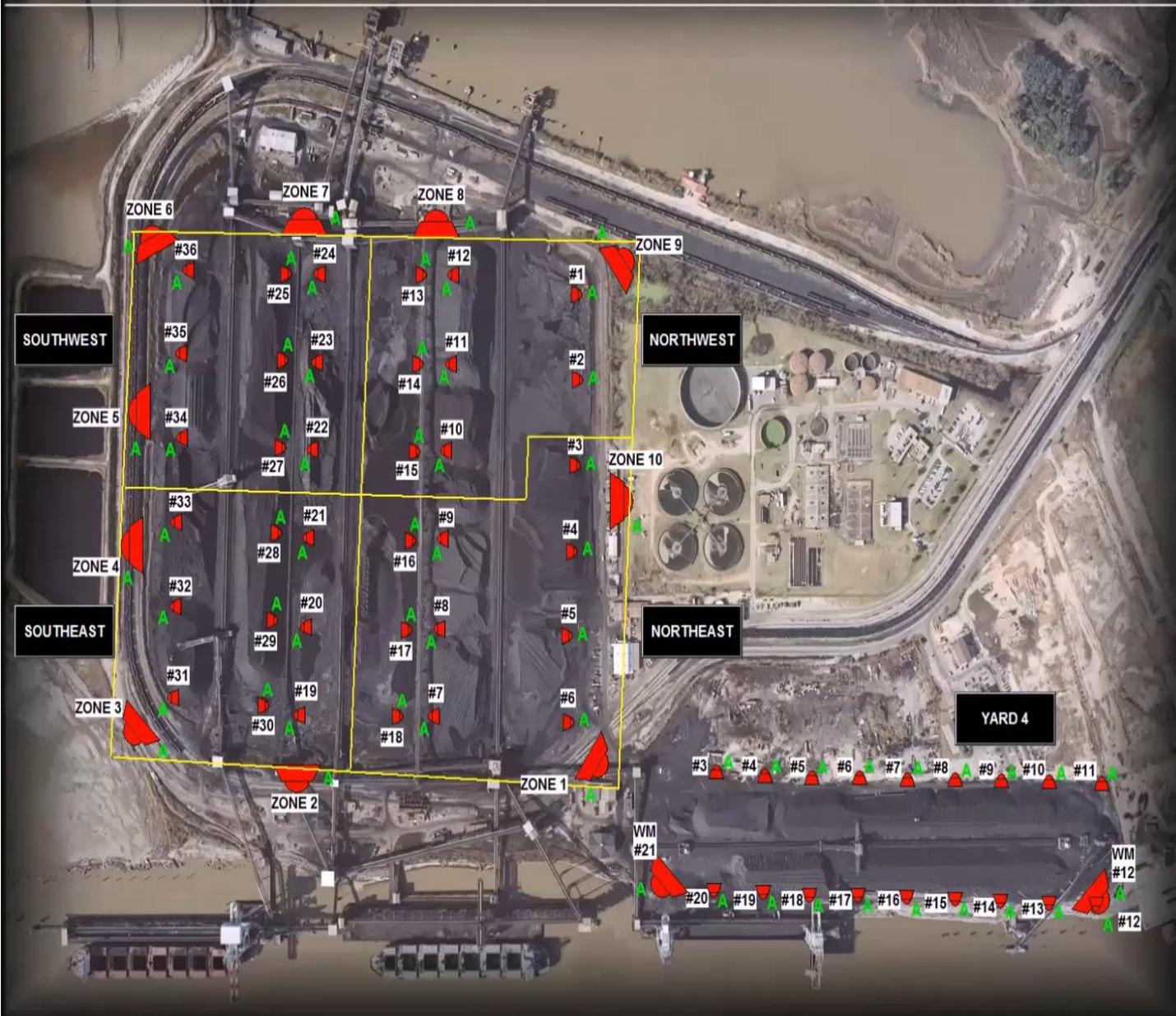
- Provides realtime status to management and information systems





OVERVIEW

DUST SUPPRESSION SYSTEM



WEATHER STATION

TEMPERATURE: 80.5
HUMIDITY: 82.0
WIND SPEED: 7.0
WIND DIRECTION: SOUTHEAST

RAIN GAUGE:
TODAY 0.0
YESTERDAY 0.0

TREND

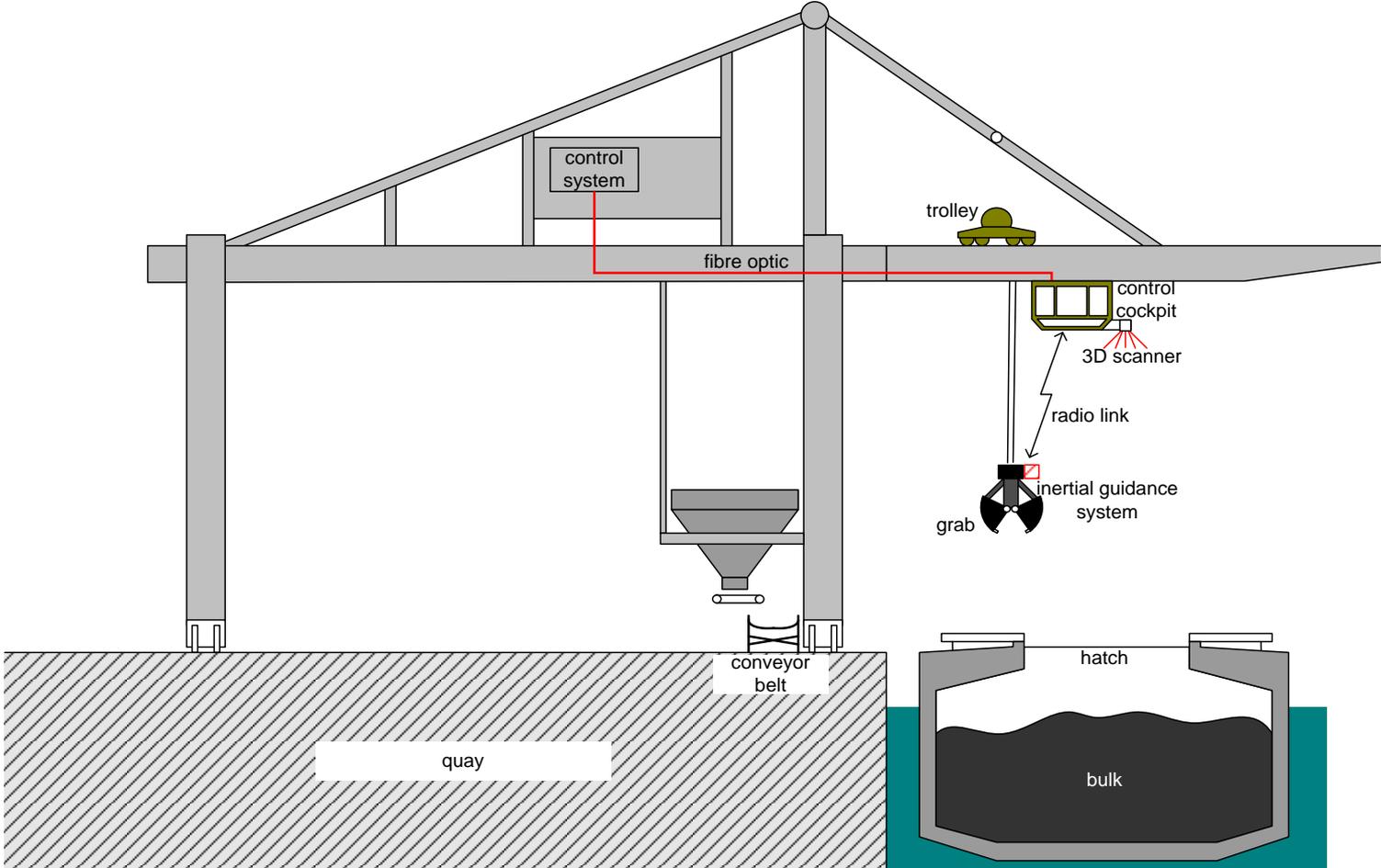
COMMS OK

CLOSE





Grab Unloader Automation



Automatik - aktiv

Betriebszustand Scan aktiv

Auftrag: LADEN aus Luke --> in Bunker

Sollmenge: 0.0 t
 Istmenge: 1010.0 t
 Restmenge: ??????.? t
 Greifergewicht: 0.6 t
 Bunkergewicht: 57.8 t Max

Automatik - aktiv

Betriebszustand Scan aktiv

Auftrag: LADEN aus Luke --> in Bunker

Sollmenge: 0.0 t
 Istmenge: 1470.0 t
 Restmenge: ??????.? t
 Greifergewicht: 31.3 t
 Bunkergewicht: 21.7 t Max

Automatik - aktiv

Betriebszustand Scan aktiv

Auftrag: LADEN aus Luke --> in Bunker

Sollmenge: 0.0 t
 Istmenge: 229.7 t
 Restmenge: ??????.? t
 Greifergewicht: 11.4 t
 Bunkergewicht: 58.9 t Max

Automatik - aktiv

Betriebszustand Scan aktiv

Auftrag: LADEN aus Luke --> in Bunker

Sollmenge: 0.0 t
 Istmenge: 129.0 t
 Restmenge: ??????.? t
 Greifergewicht: 36.8 t
 Bunkergewicht: 29.7 t Max

E0

Dialog

Bedienhinweis

Materialabwurf aktiv (Rest = 25800) (53.8 s)

Auftrag | Beobachten | Meldungen | Scanprofil

E1

Scannerbild

-469.9m

-499.1m

-531.7m

-2.4m 19.4m 40.9m

Luke zentrieren

E2

Kamera

Kamera 1 Kamera 2 Kamerabild aus

E0 - Kanzel

E3





Shiploader Automation

ShipLoader Visualization App - iSAM AG

Model Settings Sandbox Layouts Help

Status Summary Status Trees Connections ViewSettings Logging Exceptions

Connection Status to Live System:

Real-Time Anti Collision

- StatusTree (On)
- MachineState (Off)
- Collision Detection (On)
- Collision Points (On)

ShipModel:

- StatusTree (On)
- MachineState (On)
- Collision Detection (On)
- LivePoints (On)
- PersistentPoints (On)
- Hatches Detection (On)

Other Systems:

- Button Signal (On)

Last Received Data:

Collision System:	ShipLoader System:
Status Tree: 2:50:09:187	Status Tree: 2:50:02:578
update cycle time: 0 ms	update cycle time: 0 ms
Collision Detection Results: 3:01:25:703	Collision Detection Results: 3:01:26:265
# collision zones: 2	# collision zones: 3
update cycle time: 47 ms	update cycle time: 609 ms
processing time: 31 ms	processing time: 16 ms
Machine State: <last time>	Machine State: 3:01:26:265
update cycle time: <time span>	update cycle time: 62 ms
Live Points: 3:01:26:390	Live Points: 3:01:24:234
update cycle time: 828 ms	update cycle time: 7844 ms
processing time: 16 ms	processing time: 312 ms

57 FPS

iSAM AG

Global Status: OK Button Signal: 102

3:01:26 - 2016-01-20 - Wednesday

HPP-SLI-VIS01 EN 15:01

Trump Digs Coal!

Shops

