

**Liscont**

Replications: 1

Time Units: Minutes

**Key Performance Indicators**

**System**

Number Out

Average

3,338

**Liscont**

Replications: 1      Time Units: Minutes

**Entity****Time**

VA Time	Average	Half Width	Minimum Value	Maximum Value
Ship	93.7532	5.34351	0.00	294.79
Trucks	0.00	0.000000000	0.00	0.00
NVA Time	Average	Half Width	Minimum Value	Maximum Value
Ship	0.00	0.000000000	0.00	0.00
Trucks	0.00	0.000000000	0.00	0.00
Wait Time	Average	Half Width	Minimum Value	Maximum Value
Ship	430.16	(Correlated)	0.00	2300.68
Trucks	0.00	0.000000000	0.00	0.00
Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Ship	39.5201	1.92810	0.00	141.26
Trucks	158.16	1.80283	63.7971	238.03
Other Time	Average	Half Width	Minimum Value	Maximum Value
Ship	0.00	0.000000000	0.00	0.00
Trucks	0.00	0.000000000	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
Ship	563.44	(Correlated)	0.2299	2550.34
Trucks	158.16	1.80283	63.7971	238.03

**Other**

**Liscont**

Replications: 1 Time Units: Minutes

**Entity**

**Other**

Number In

Value

Ship	484.00
Trucks	2870.00



Number Out

Value

Ship	477.00
Trucks	2861.00

WIP

	Average	Half Width	Minimum Value	Maximum Value
Ship	6.2582	(Correlated)	0.00	16.0000
Trucks	10.4898	0.190788804	0.00	17.0000

**Liscont**

Replications: 1 Time Units: Minutes

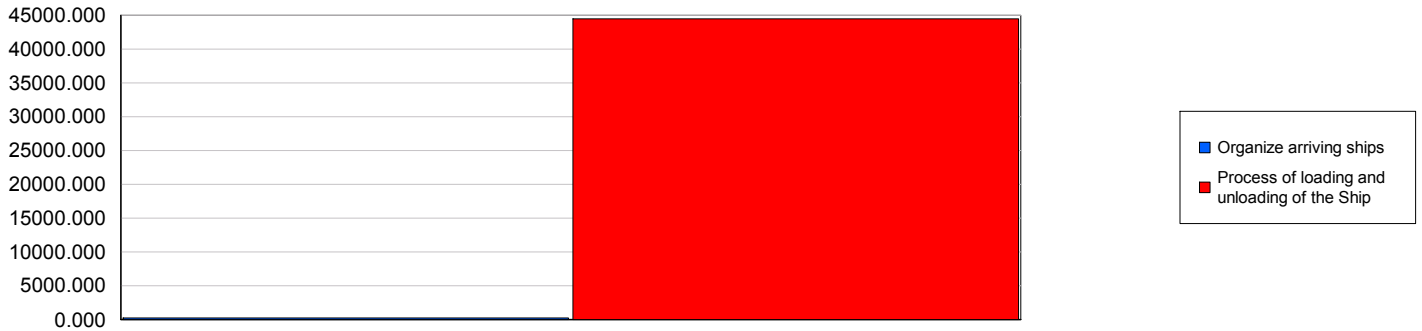
**Process**

**Time per Entity**

VA Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Organize arriving ships	1.0000	(Insufficient)	1.0000	1.0000
Process of loading and unloading of the Ship	185.33	(Insufficient)	76.9488	293.79
Wait Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Organize arriving ships	0.3208	(Insufficient)	0.00	2.0000
Total Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Organize arriving ships	1.3208	(Insufficient)	1.0000	3.0000
Process of loading and unloading of the Ship	185.33	(Insufficient)	76.9488	293.79

**Accumulated Time**

Accum VA Time	Value
Organize arriving ships	240.00
Process of loading and unloading of the Ship	44480.29



## Liscont

Replications: 1      Time Units: Minutes

## Process

### Accumulated Time

Accum Wait Time

Value

Organize arriving ships	77.0000
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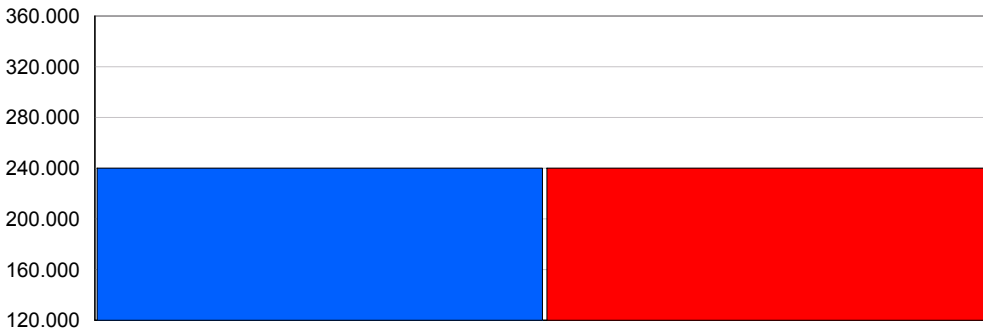
■ Organize arriving ships

### Other

Number In

Value

Organize arriving ships	240.00
Process of loading and unloading of the Ship	240.00



■ Organize arriving ships  
 ■ Process of loading and unloading of the Ship

Number Out

Value

Organize arriving ships	240.00
Process of loading and unloading of the Ship	240.00

**Liscont**

Replications: 1 Time Units: Minutes

**Queue****Time**

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
Awaiting a position in the terminal port.Queue	0.00	(Insufficient)	0.00	0.00
Organize arriving ships.Queue	0.3208	(Insufficient)	0.00	2.0000
Pier 1 expects to release porteiner 1.Queue	111.94	(Insufficient)	0.00	304.68
Pier 2 is awaiting the release of porteiner.Queue	22.9996	(Insufficient)	0.00	208.61
Pier 3 awaiting the release porteiner 2.Queue	46.4412	(Insufficient)	0.00	287.79
Request Porteiner 1.Queue	36.9890	(Insufficient)	0.00	327.28
Request Porteiner 2.Queue	18.4362	(Insufficient)	0.00	257.76
Seize Pier 1.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 3.Queue	0.00	(Insufficient)	0.00	0.00
Time and conditions for Departure.Queue	101.20	(Insufficient)	0.00	495.77
Time and conditions for Entrance.Queue	675.12	(Insufficient)	0.00	2166.44

**Other**

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
Awaiting a position in the terminal port.Queue	0.00	(Insufficient)	0.00	0.00
Organize arriving ships.Queue	0.00178241	(Insufficient)	0.00	2.0000
Pier 1 expects to release porteiner 1.Queue	0.1425	(Insufficient)	0.00	1.0000
Pier 2 is awaiting the release of porteiner.Queue	0.05057777	(Insufficient)	0.00	1.0000
Pier 3 awaiting the release porteiner 2.Queue	0.0968	(Insufficient)	0.00	1.0000
Request Porteiner 1.Queue	0.0993	(Insufficient)	0.00	1.0000
Request Porteiner 2.Queue	0.05291867	(Insufficient)	0.00	1.0000
Seize Pier 1.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 3.Queue	0.00	(Insufficient)	0.00	0.00
Time and conditions for Departure.Queue	0.5736	(Insufficient)	0.00	3.0000
Time and conditions for Entrance.Queue	3.7691	(Correlated)	0.00	12.0000

**Liscont**

Replications: 1 Time Units: Minutes

**Resource**

**Usage**

Instantaneous Utilization

	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	0.00555556	0.000708371	0.00	1.0000
Resource Pier 1	0.4793	(Insufficient)	0.00	1.0000
Resource Pier 2	0.5403	(Insufficient)	0.00	1.0000
Resource Pier 3	0.4958	(Insufficient)	0.00	1.0000
Terminal Port	0.6988	(Insufficient)	0.00	1.0000

Number Busy

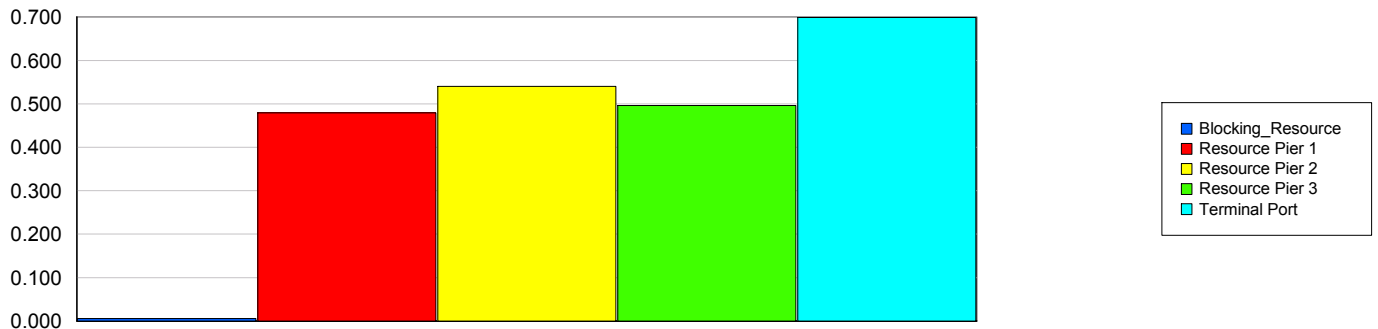
	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	0.00555556	0.000708371	0.00	1.0000
Resource Pier 1	0.4793	(Insufficient)	0.00	1.0000
Resource Pier 2	0.5403	(Insufficient)	0.00	1.0000
Resource Pier 3	0.4958	(Insufficient)	0.00	1.0000
Terminal Port	2.0965	(Insufficient)	0.00	3.0000

Number Scheduled

	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 1	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 2	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 3	1.0000	(Insufficient)	1.0000	1.0000
Terminal Port	3.0000	(Insufficient)	3.0000	3.0000

Scheduled Utilization

	Value
Blocking_Resource	0.00555556
Resource Pier 1	0.4793
Resource Pier 2	0.5403
Resource Pier 3	0.4958
Terminal Port	0.6988



**Liscont**

Replications: 1 Time Units: Minutes

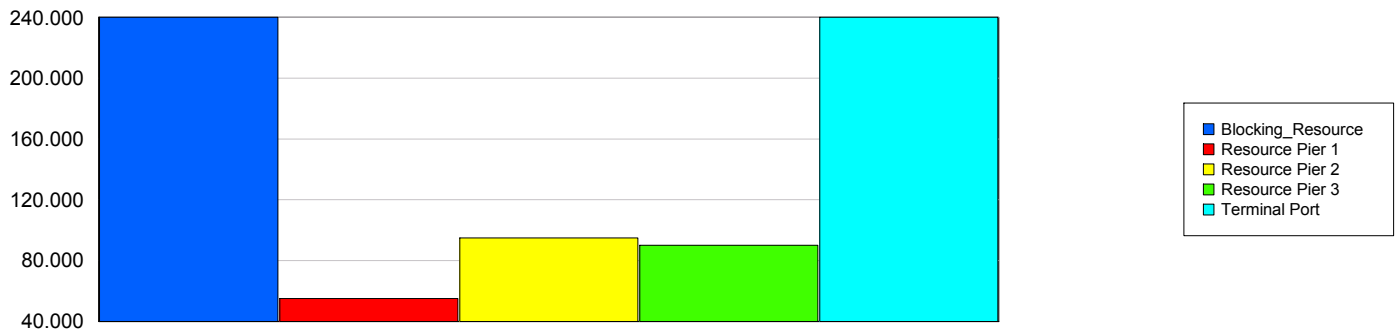
**Resource**

**Usage**

Total Number Seized

Value

Blocking_Resource	240.00
Resource Pier 1	55.0000
Resource Pier 2	95.0000
Resource Pier 3	90.0000
Terminal Port	240.00



**Station**

**Other**

Number Entities Transferring

Average

Half Width

Minimum Value

Maximum Value

	Average	Half Width	Minimum Value	Maximum Value
Departure	10.8387	(Correlated)	0.00	18.0000
Entry	0.00	(Insufficient)	0.00	0.00
Station Pier 1	0.00	(Insufficient)	0.00	1.0000
Station Pier 2	0.00	(Insufficient)	0.00	1.0000
Station Pier 3	0.00	(Insufficient)	0.00	1.0000

**Liscont**

Replications: 1 Time Units: Minutes

**Transporter****Usage**

Number Busy	Average	Half Width	Minimum Value	Maximum Value
Porteiner	1.1172	(Insufficient)	0.00	2.0000
Number Scheduled	Average	Half Width	Minimum Value	Maximum Value
Porteiner	2.0000	(Insufficient)	2.0000	2.0000
Utilization	Average	Half Width	Minimum Value	Maximum Value
Porteiner	0.5586	(Insufficient)	0.00	1.0000

**User Specified****Counter**

Count	Value
Count Ship	237.00

**PARAGON [www.paragon.com.br](http://www.paragon.com.br)**

Replications: 1 Time Units: Minutes

**PARAGON** [www.paragon.com.br](http://www.paragon.com.br)

Replications: 1

Time Units: Minutes

## Key Performance Indicators

### System

Number Out

Average

106

## PARAGON [www.paragon.com.br](http://www.paragon.com.br)

Replications: 1      Time Units: Minutes

### Entity

#### Time

VA Time	Average	Half Width	Minimum Value	Maximum Value
Ship	103.14	(Insufficient)	0.00	294.79
Trucks	0.00	(Insufficient)	0.00	0.00
NVA Time	Average	Half Width	Minimum Value	Maximum Value
Ship	0.00	(Insufficient)	0.00	0.00
Trucks	0.00	(Insufficient)	0.00	0.00
Wait Time	Average	Half Width	Minimum Value	Maximum Value
Ship	100.38	(Insufficient)	0.00	317.17
Trucks	0.00	(Insufficient)	0.00	0.00
Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Ship	30.1687	(Insufficient)	0.00	66.8771
Trucks	158.17	(Insufficient)	68.1779	235.07
Other Time	Average	Half Width	Minimum Value	Maximum Value
Ship	0.00	(Insufficient)	0.00	0.00
Trucks	0.00	(Insufficient)	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
Ship	233.69	(Insufficient)	25.3868	511.68
Trucks	158.17	(Insufficient)	68.1779	235.07

#### Other

**PARAGON** www.paragon.com.br

Replications: 1 Time Units: Minutes

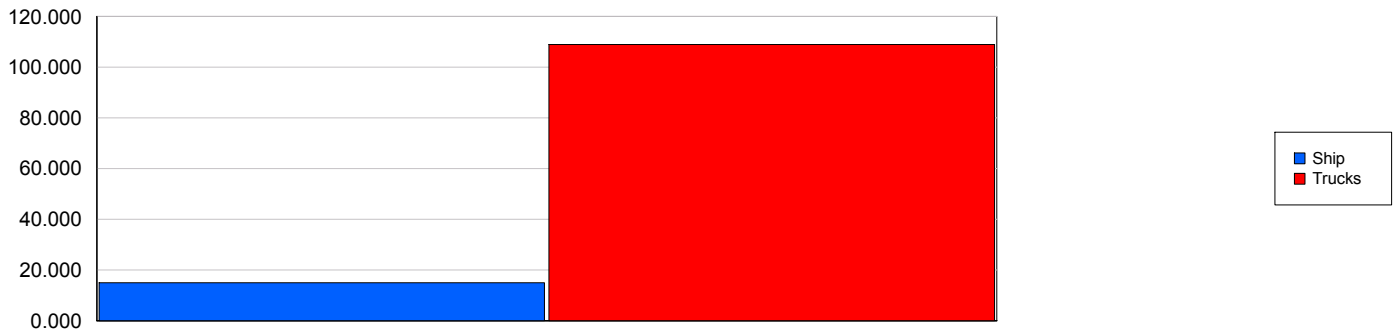
**Entity**

**Other**

Number In

Value

Ship	15.0000
Trucks	109.00



Number Out

Value

Ship	12.0000
Trucks	94.0000

WIP

	Average	Half Width	Minimum Value	Maximum Value
Ship	2.4101	(Insufficient)	0.00	4.0000
Trucks	9.8335	(Insufficient)	0.00	16.0000

## PARAGON [www.paragon.com.br](http://www.paragon.com.br)

Replications: 1      Time Units: Minutes

### Queue

#### Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
Awaiting a position in the terminal port.Queue	0.00	(Insufficient)	0.00	0.00
Organize arriving ships.Queue	0.1667	(Insufficient)	0.00	1.0000
Pier 1 expects to release porteiner 1.Queue	165.24	(Insufficient)	139.36	191.12
Pier 2 is awaiting the release of porteiner.Queue	3.6054	(Insufficient)	0.00	7.2109
Pier 3 awaiting the release porteiner 2.Queue	0.00	(Insufficient)	0.00	0.00
Request Porteiner 1.Queue	0.00	(Insufficient)	0.00	0.00
Request Porteiner 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 1.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 3.Queue	0.00	(Insufficient)	0.00	0.00
Time and conditions for Departure.Queue	48.9678	(Insufficient)	0.00	293.81
Time and conditions for Entrance.Queue	95.3401	(Insufficient)	0.00	317.17

#### Other

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
Awaiting a position in the terminal port.Queue	0.00	(Insufficient)	0.00	0.00
Organize arriving ships.Queue	0.00059931	(Insufficient)	0.00	1.0000
Pier 1 expects to release porteiner 1.Queue	0.1981	(Insufficient)	0.00	1.0000
Pier 2 is awaiting the release of porteiner.Queue	0.00432157	(Insufficient)	0.00	1.0000
Pier 3 awaiting the release porteiner 2.Queue	0.00	(Insufficient)	0.00	0.00
Request Porteiner 1.Queue	0.00	(Insufficient)	0.00	0.00
Request Porteiner 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 1.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 2.Queue	0.00	(Insufficient)	0.00	0.00
Seize Pier 3.Queue	0.00	(Insufficient)	0.00	0.00
Time and conditions for Departure.Queue	0.1761	(Insufficient)	0.00	1.0000
Time and conditions for Entrance.Queue	1.0723	(Insufficient)	0.00	3.0000

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Replications: 1 Time Units: Minutes

**Resource**

**Usage**

Instantaneous Utilization

	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	0.00359589	(Insufficient)	0.00	1.0000
Resource Pier 1	0.4162	(Insufficient)	0.00	1.0000
Resource Pier 2	0.2964	(Insufficient)	0.00	1.0000
Resource Pier 3	0.2519	(Insufficient)	0.00	1.0000
Terminal Port	0.3816	(Insufficient)	0.00	1.0000

Number Busy

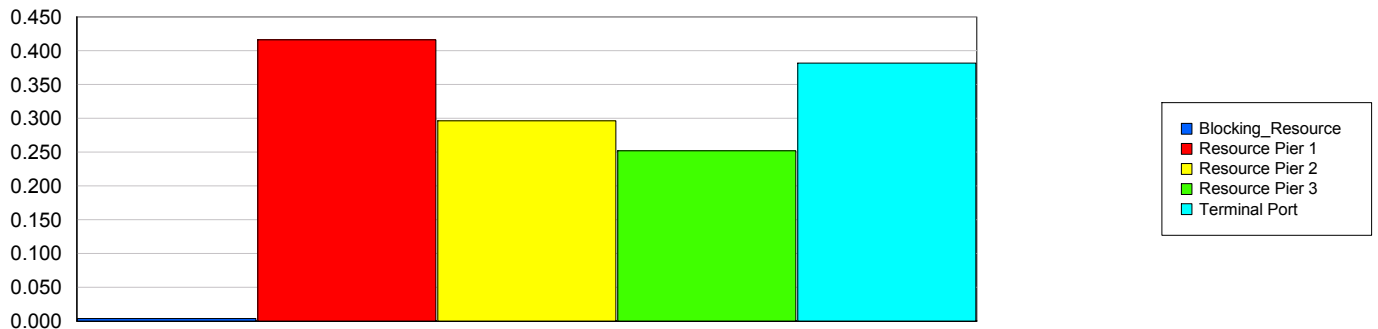
	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	0.00359589	(Insufficient)	0.00	1.0000
Resource Pier 1	0.4162	(Insufficient)	0.00	1.0000
Resource Pier 2	0.2964	(Insufficient)	0.00	1.0000
Resource Pier 3	0.2519	(Insufficient)	0.00	1.0000
Terminal Port	1.1447	(Insufficient)	0.00	3.0000

Number Scheduled

	Average	Half Width	Minimum Value	Maximum Value
Blocking_Resource	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 1	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 2	1.0000	(Insufficient)	1.0000	1.0000
Resource Pier 3	1.0000	(Insufficient)	1.0000	1.0000
Terminal Port	3.0000	(Insufficient)	3.0000	3.0000

Scheduled Utilization

	Value
Blocking_Resource	0.00359589
Resource Pier 1	0.4162
Resource Pier 2	0.2964
Resource Pier 3	0.2519
Terminal Port	0.3816



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Replications: 1 Time Units: Minutes

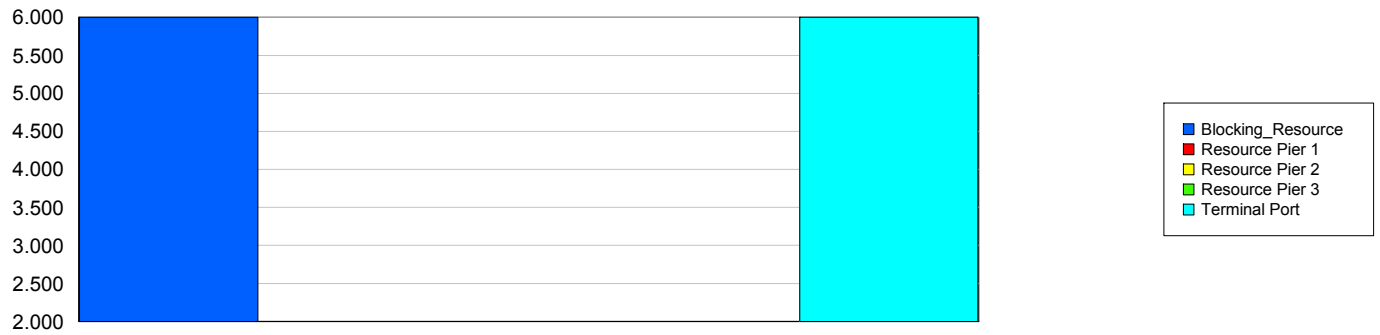
**Resource**

**Usage**

Total Number Seized

Value

Blocking_Resource	6.0000
Resource Pier 1	2.0000
Resource Pier 2	2.0000
Resource Pier 3	2.0000
Terminal Port	6.0000



**Transporter**

**Usage**

Number Busy	Average	Half Width	Minimum Value	Maximum Value
Porteiner	0.7859	(Insufficient)	0.00	2.0000
Number Scheduled	Average	Half Width	Minimum Value	Maximum Value
Porteiner	2.0000	(Insufficient)	2.0000	2.0000
Utilization	Average	Half Width	Minimum Value	Maximum Value
Porteiner	0.3929	(Insufficient)	0.00	1.0000

**PARAGON [www.paragon.com.br](http://www.paragon.com.br)**

Replications: 1      Time Units: Minutes

**User Specified**

**Counter**

Count	Value
Count Ship	6.0000