Fleet Tracker API : Tracking of current positions for a modifiable list of vessels.

GET	/fleet/	Delivers the fleet of vessels.

Response Class (Status 200)

Model | Model Schema

fleet-response-listing {
  vessels (Array[fleet-response-listitem])
}
fleet-response-listitem {
  voyage (fleet-response-listitem-voyage),
  name (string,null),
  imo_number (integer,null),
  modified (string),
  note (string),
  mmsi_number (integer,null),
  cn_iso2 (string,null),
  callsign (string,null),
  vt_verbose (string,null),
  cn_name (string,null),
  position (fleet-response-listitem-position): Last persistated vessel position from "satellite" or "terrestrial" sources,
  detail_url (string): URL path to this item,
  vessel_id (integer): vessel ID
}
fleet-response-listitem-voyage {
  draught (number,null),
  destination (string,null),
  eta (string,null)
}
fleet-response-listitem-position {
  location_str (string,null): verbal description of the current position,
  is_moving (boolean),
  received (string,null),
  true_heading (integer,null),
  longitude (number,null),
  source (string): either "terrestrial" or "satellite",
  in_special_maneuver (boolean),
  latitude (number,null),
  course_over_ground (number,null),
  speed (number,null)
}

Response Content Type application/json ⇕

Response Messages

HTTP Status	Reason	Response Model	Headers

Code		
400	The request body could not be parsed.	**Model** Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**
401	The server could not verify that you are authorized to access the URL.	**Model** Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**
403	The provided credentials were correct but the API is not yet fully configured.	**Model** Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**
405	The used HTTP method is not allowed for this URL.	**Model** Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**
422	A required parameter is missing or has a wrong structure.	**Model** Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**

Try it out!

PUT   /fleet/   Adds vessels to the fleet.

Response Class (Status 200)

Model Model Schema

fleet-response-listing-add {
  items_added (Array[fleet-request-add-vessel-done], *optional*),

items_failed (Array[fleet-request-add-vessel-failed], *optional*),

items_existing (Array[fleet-request-add-vessel-done], *optional*),

success (bool)

}

fleet-request-add-vessel-done {

note (string, *optional*),

imo_number (integer,null, *optional*),

vessel_id (integer, *optional*): vessel ID,

mmsi_number (integer,null, *optional*),

detail_url (string): URL path to this item

}

fleet-request-add-vessel-failed {

note (string, *optional*),

imo_number (integer,null, *optional*),

vessel_id (integer, *optional*): vessel ID,

mmsi_number (integer,null, *optional*),

message (string)

}

Response Content Type   application/json ⇕

Parameters

Parameter	Value	Description	Parameter Type	Data Type
fleet– listing–add	(required) Parameter content type: application/json ⇕	**Fleet Tracker API items to add.**	body	Model ∣ Model Schema **fleet-listing-add {** **vessels** (Array[fleet-request-add-vessel]) **}** **fleet-request-add-vessel {** **note** (string, *optional*), **imo_number** (integer,null, *optional*), **vessel_id** (integer, *optional*): vessel ID, **mmsi_number** (integer,null, *optional*) **}**

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	The request body could not be parsed.	Model ∣ Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code,	

HTTP Status Code	Reason	Response Model	Headers
		description (string): more detailed description }	

401	The server could not verify that you are authorized to access the URL.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

Try it out!

POST   /fleet/   Replaces the fleet with new vessels.

Response Class (Status 200)

Model   Model Schema

fleet-response-listing-replace {
  items_added (Array[fleet-request-add-vessel-done], *optional*),
  items_failed (Array[fleet-request-add-vessel-failed], *optional*),
  success (bool)
}
fleet-request-add-vessel-done {

   note (string, *optional*),
   imo_number (integer,null, *optional*),
   vessel_id (integer, *optional*): vessel ID,
   mmsi_number (integer,null, *optional*),
   detail_url (string): URL path to this item
}
fleet-request-add-vessel-failed {
   note (string, *optional*),
   imo_number (integer,null, *optional*),
   vessel_id (integer, *optional*): vessel ID,
   mmsi_number (integer,null, *optional*),
   message (string)
}

Response Content Type   application/json ⇕

Parameters

Parameter	Value	Description	Parameter Type	Data Type

fleet–listing–replace	(required)
	
	Parameter content type:
	application/json ⇕
		Fleet Tracker API items to create new listing from.	body	Model | Model Schema
				
				fleet-listing-replace {
				  vessels (Array[fleet-request-add-vessel])
				}
				fleet-request-add-vessel
				{
				  note (string, *optional*),
				  imo_number (integer,null, *optional*),
				  vessel_id (integer, *optional*): vessel ID,
				  mmsi_number (integer,null, *optional*)
				}

Response Messages

HTTP Status Code	Reason	Response Model	Headers

400	The request body could not be parsed.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

401	The server could not verify that you are authorized to	Model | Model Schema **error-message-response {**	

HTTP Status Code	Reason	Response Model	Headers
	access the URL.	**status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description **}**	

403	The provided credentials were correct but the API is not yet fully configured.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

Try it out!

DELETE /fleet/   Empties the fleet completely.

Response Class (Status 200)

Model   Model Schema

fleet-response-delete {
    status (string): "success",
    items_removed (integer): number of removed items,
    message (string)
}

Response Content Type   application/json

Response Messages

HTTP Status Code	Reason	Response Model	Headers

HTTP Status Code	Reason	Response Model	Headers

400	The request body could not be parsed.	Model Model Schema
		
		error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		}	

401	The server could not verify that you are authorized to access the URL.	Model Model Schema
		
		error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model Model Schema
		
		error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model Model Schema
		
		error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model Model Schema
		
		error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		}	

Try it out!

GET   /fleet/{vessel_id}   Delivers a single vessel from the fleet.

Response Class (Status 200)
Model   Model Schema

fleet-response-vessel {

voyage (fleet-response-vessel-voyage),

name (string,null),

imo_number (integer,null),

modified (string),

note (string),

mmsi_number (integer,null),

cn_iso2 (string,null),

callsign (string,null),

vt_verbose (string,null),

cn_name (string,null),

position (fleet-response-vessel-position): Last persistated vessel position from "satellite" or "terrestrial" sources,

vessel_id (integer): vessel ID

}

fleet-response-vessel-voyage {

draught (number,null),

destination (string,null),

eta (string,null)

}

fleet-response-vessel-position {

location_str (string,null): verbal description of the current position,

is_moving (boolean),

received (string,null),

true_heading (integer,null),

longitude (number,null),

source (string): either "terrestrial" or "satellite",

in_special_maneuver (boolean),

latitude (number,null),

course_over_ground (number,null),

speed (number,null)

}

Response Content Type [application/json ⇕]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
vessel_id	(required)	**vessel ID**	path	long

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	The request body could not be parsed.	Model │ Model Schema **error-message-response {** **status** (string): "error", **message** (string): short error message, **code** (integer): correlates to the HTTP status code, **description** (string): more detailed description	

HTTP Status Code	Reason	Response Model	Headers
		}	

401	The server could not verify that you are authorized to access the URL.	Model | Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model | Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

404	Requested item does not exist.	Model | Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model | Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model | Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

Try it out!

PUT /fleet/{vessel_id}   Modifies attributes of a single vessel.

Response Class (Status 200)

Model \| Model Schema

fleet-response-edit {
   status (string): "success",
   message (string),
   changed (Array[string]): list of changed attributes
}

Response Content Type   `application/json ⬍`

Parameters

Parameter	Value	Description	Parameter Type	Data Type
vessel_id	(required)	**vessel ID**	path	long
fleet-request-edit-vessel	(required) Parameter content type: `application/json ⬍`	**Fleet Tracker API item updates.**	body	Model Model Schema **fleet-request-edit-vessel {** **note** (string, *optional*) **}**

Response Messages

HTTP Status Code	Reason	Response Model	Headers

400	The request body could not be parsed.	Model | Model Schema
		
		 error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		 }	

401	The server could not verify that you are authorized to access the URL.	Model | Model Schema
		
		 error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		 }	

403	The provided credentials were correct but the API is not yet fully configured.	Model | Model Schema
		
		 error-message-response {
		   status (string): "error",
		   message (string): short error message,
		   code (integer): correlates to the HTTP status code,
		   description (string): more detailed description
		 }	

HTTP Status Code	Reason	Response Model	Headers

404	Requested item does not exist.	**Model** Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	**Model** Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	**Model** Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

Try it out!

DELETE /fleet/{vessel_id}   Removes a single vessel from the fleet.

Response Class (Status 200)

Model Model Schema

fleet-response-delete {
  status (string): "success",
  items_removed (integer): number of removed items,
  message (string)
}

Response Content Type application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
vessel_id	(required)	**vessel ID**	path	long

Response Messages

HTTP Status Code	Reason	Response Model	Headers

HTTP Status Code	Reason	Response Model	Headers

400	The request body could not be parsed.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

401	The server could not verify that you are authorized to access the URL.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

404	Requested item does not exist.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

Try it out!

Port Arrivals API : Lists vessels heading for a specific port

GET	/port/arrivals/	Delivers the vessel list of vessels.

Response Class (Status 200)

Model | Model Schema

port_arrivals-response-listing {
   vessels (Array[port_arrivals-response-listitem])
}
port_arrivals-response-listitem {
   voyage (port_arrivals-response-listitem-voyage),
   name (string,null),
   imo_number (integer,null),
   mmsi_number (integer,null),
   cn_iso2 (string,null),
   callsign (string,null),
   country (string,null),
   position (port_arrivals-response-listitem-position): Last persistated vessel position from "satellite" or
   "terrestrial" sources,
   vessel_id (integer)
}
port_arrivals-response-listitem-voyage {
   draught (number,null),
   destination (string,null),
   eta (string,null)
}
port_arrivals-response-listitem-position {
   received (string,null),
   course_over_ground (number,null),
   true_heading (integer,null),
   longitude (number,null),
   source (string): either "terrestrial" or "satellite",
   latitude (number,null),
   speed (number,null)
}

Response Content Type [application/json ⇕]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
locode	(required)		query	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	The request body could	Model | Model Schema	

HTTP Status Code	Reason	Response Model	Headers

	not be parsed.	**error-message-response** {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

401	The server could not verify that you are authorized to access the URL.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model | Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

Try it out!

Regional AIS API : delivers AIS informations for a predefined bounding box

GET	/regional_ais/	Delivers the vessel list of vessels.

Response Class (Status 200)

Model | Model Schema

regional_ais-response-listing {
  vessels (Array[regional_ais-response-listitem])
}
regional_ais-response-listitem {
  voyage (regional_ais-response-listitem-voyage),
  name (string,null),
  imo_number (integer,null),
  mmsi_number (integer,null),
  cn_iso2 (string,null),
  callsign (string,null),
  country (string,null),
  position (regional_ais-response-listitem-position): Last persistated vessel position from "satellite" or
  "terrestrial" sources,
  vessel_id (integer)
}
regional_ais-response-listitem-voyage {
  draught (number,null),
  destination (string,null),
  eta (string,null)
}
regional_ais-response-listitem-position {
  received (string,null),
  course_over_ground (number,null),
  true_heading (integer,null),
  longitude (number,null),
  source (string): either "terrestrial" or "satellite",
  latitude (number,null),
  speed (number,null)
}

Response Content Type   application/json   ⇕

Response Messages

HTTP Status Code	Reason	Response Model	Headers

400	The request body could not be parsed.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description
		}	

401	The server could not verify that you are authorized to access the URL.	Model Model Schema
		
		error-message-response {
		  status (string): "error",
		  message (string): short error message,
		  code (integer): correlates to the HTTP status code,
		  description (string): more detailed description	

HTTP Status Code	Reason	Response Model	Headers
		}	

403	The provided credentials were correct but the API is not yet fully configured.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

405	The used HTTP method is not allowed for this URL.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

422	A required parameter is missing or has a wrong structure.	Model Model Schema
		
		error-message-response {
		    status (string): "error",
		    message (string): short error message,
		    code (integer): correlates to the HTTP status code,
		    description (string): more detailed description
		}	

Try it out!