

# BarentsWatch Open

## API-Documentation

- Application registration and authentication
- Available APIs from BarentsWatch
  - AIS
  - Fishhealth
  - FiskInfo
    - Example requests
  - Polarlows
  - Saltstraumen
  - Sustainability in aquaculture (Bærekraft i havbruk)
  - Waveforecast
- Legacy API
- Type of ship/cargo

## Fargepalett

Hvordan sette opp automatisk nedlasting av Fiskehelse-data til Olex

## Logo

Om BarentsWatch - kort faktatekst



### Updates to our APIs (2021-09-30)

Anders Bakkevold posted on Sep 29, 2021

Almost all FishInfo reporting endpoints have been updated. The biggest change is that more information is collected in a vesselprofile, that users are connected to. The endpoints have been simplified, as the profile information no longer need to be passed along.

- New endpoint to reset a fishing gear:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post\\_v1\\_geodata\\_fishingfacilitychange\\_reset](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post_v1_geodata_fishingfacilitychange_reset)
- New endpoint to report lost fishing gear:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post\\_v1\\_geodata\\_fishingfacilitychange\\_lost](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post_v1_geodata_fishingfacilitychange_lost)
- New endpoint to get lostreports for the user:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/get\\_v1\\_geodata\\_lostreports](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/get_v1_geodata_lostreports)
- New v2 of endpoint to remove report:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/delete\\_v2\\_geodata\\_fishingfacilitychange\\_\\_changedId\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/delete_v2_geodata_fishingfacilitychange__changedId_)
- New v3 of endpoint to report deployed fishing gear:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post\\_v3\\_geodata\\_fishingfacilitychange\\_deployed](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post_v3_geodata_fishingfacilitychange_deployed)
- New v3 of endpoint to report retrieved fishing gear:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post\\_v3\\_geodata\\_fishingfacilitychange\\_retrieved](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/post_v3_geodata_fishingfacilitychange_retrieved)
- New v3 of endpoint to get all fishing gear and reports for the user:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/get\\_v3\\_geodata\\_fishingfacilitychanges](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Reporting/get_v3_geodata_fishingfacilitychanges)
- New v3 of endpoint to get the profile of the user:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Profile/get\\_v3\\_geodata\\_fishingfacilityprofile](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Profile/get_v3_geodata_fishingfacilityprofile)
- New endpoint to update contactdetails of vessel:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Profile/post\\_v1\\_vessel\\_contactdetails](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/Profile/post_v1_vessel_contactdetails)

There are also updates to the fishingfacility/fishing gear endpoints:

- New v2 of endpoint to get fishing gear and updates:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get\\_v2\\_geodata\\_fishingfacilityupdates](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get_v2_geodata_fishingfacilityupdates)
- New v3 of endpoint to get fishing gear by vessel:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get\\_v3\\_geodata\\_fishingfacility](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get_v3_geodata_fishingfacility)
- New v3 of endpoint to get a specified fishing gear:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get\\_v3\\_geodata\\_fishingfacility\\_\\_toolId\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20reporting%20API#/FishingFacility/get_v3_geodata_fishingfacility__toolId_)



Endpoints that have been replaced by new versions have been marked as deprecated.

The old endpoints have a minor update: contactPersonName and contactPersonPhone are no longer required.



### Updates to our APIs (2021-09-07)

Anders Bakkevold posted on Sep 06, 2021

New endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymous\\_andoya\\_firing\\_range\\_danger\\_zone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=FishInfo%20API#/Download/get_v1_geodata_download_anonymous_andoya_firing_range_danger_zone)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/SeaAreaUsage/get\\_v1\\_geodata\\_bki\\_dataset\\_seaareabycounty](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/SeaAreaUsage/get_v1_geodata_bki_dataset_seaareabycounty)

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/SeaAreaUsage/get\\_v1\\_geodata\\_bki\\_dataset\\_seareaby municipality](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/SeaAreaUsage/get_v1_geodata_bki_dataset_seareaby municipality)

Added stopTime property to vesseltrack endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityno\\_\\_vessel\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_locality__localityno__vessel__year__week__)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_vesseltrack\\_\\_mmsi\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_vesseltrack__mmsi__year__week__)



Updates to our APIs (2021-06-30)

Anders Bakkevoid posted on Jun 29, 2021

New properties added to endpoints with escape-information:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityId\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__localityId__year__week__)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth__year__week__)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityNo\\_\\_escape\\_\\_year\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__localityNo__escape__year__)



Updates to our APIs (2021-05-20)

Arne Vidar Sjøenst posted on May 19, 2021

## New endpoints

### Fishhealth API

[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymousilafreearea](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymousilafreearea)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymousilaprotectionzone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymousilaprotectionzone)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymousilasurveillancezone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymousilasurveillancezone)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouslocalitieswithila](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouslocalitieswithila)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouslocalitieswithpd](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouslocalitieswithpd)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouslocalityarea](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouslocalityarea)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouspdzone\\_borders](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouspdzone_borders)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouspdprotectionzone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouspdprotectionzone)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_anonymouspdsurveillancezone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_anonymouspdsurveillancezone)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_localitieswithpd](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_localitieswithpd)  
[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_localitieswithila](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_localitieswithila)

### Waveforecast API

[https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/CustomRoute/get\\_v2\\_geodata\\_waveforecast\\_route\\_customroutearea](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/CustomRoute/get_v2_geodata_waveforecast_route_customroutearea)

### WMS/WFS

bw:localitieswithila - This layer has aquaculture sites with ongoing ISA disease outbreaks. The data is from Veterinærinstituttet.

bw:localitieswithpd - This layer has aquaculture sites with ongoing PD disease outbreaks. The data is from Veterinærinstituttet.

<https://geoserver.barentswatch.no/geoserver/ows?service=wms&version=1.3.0&request=GetCapabilities>

<https://geoserver.barentswatch.no/geoserver/ows?service=wfs&version=1.1.0&request=GetCapabilities>

## Removed endpoints

### Fishhealth API

Removal of wesseltrack endpoints as notified here: [Fishhealth WellBoatWeek APIs will be removed 4 May 2021](#)

Localitieswithdisease is replaced by localitieswithpd and localitieswithila.

`/bwapi/v1/geodata/download/localitieswithdisease` (Replaced by )  
`/bwapi/v1/geodata/ais/wellboat/{mmsi}/{year}/{week}`  
`/bwapi/v1/geodata/fishhealth/locality/{localityno}/wellboat/{year}/{week}`  
`/bwapi/v1/geodata/ais/rawwellboatpoints/{mmsi}/{year}/{week}`  
`/bwapi/v1/geodata/ais/rawwellboatline/{mmsi}/{year}/{week}`  
`/bwapi/v1/shipregister/wellboats`  
`/bwapi/v1/wellboat/latestpositions`

### WMS/WFS

Removed layer bw:localitywithdisease.



[Updates to our APIs \(2021-04-22\)](#)

Anders Bakkevold posted on Apr 21, 2021

New endpoint:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_ilafreearea](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_ilafreearea)

Added new search parameter 'shrimpfishinggroundOrCodspawninggroundProximity' to these endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth__year__week__)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_year\\_\\_week\\_\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__year__week__)

New WMS/WFS map layer: bw:localitywithdisease.

<https://geoserver.barentswatch.no/geoserver/ows?service=wms&version=1.3.0&request=GetCapabilities>

<https://geoserver.barentswatch.no/geoserver/ows?service=wfs&version=1.1.0&request=GetCapabilities>

This layer has aquaculture sites with ongoing disease outbreaks (PD, ISA). The data is from Veterinærinstituttet.



[Updates to our APIs \(2021-03-23\)](#)

Anders Bakkevold posted on Mar 24, 2021

Added Fishhealth endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_ilaprotectionzone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_ilaprotectionzone)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_ilasurveillancezone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_ilasurveillancezone)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_pdzone\\_borders](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_pdzone_borders)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_pdprotectionzone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_pdprotectionzone)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_pdsurveillancezone](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_pdsurveillancezone)

Modified Fishhealth endpoints:

- Vesseltracks analysis now have passages through disease zones, in addition to aquaculture site visits:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_vesseltrack\\_\\_mmsi\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_vesseltrack__mmsi__year__week_)



Updates to our APIs (2021-03-10)

Anders Bakkevoid posted on Mar 09, 2021

Removed property regionId from the response of this endpoint: [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityId\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__localityId__year__week_).



Updates to our APIs (2021-03-04)

Anders Bakkevoid posted on Mar 03, 2021

Added Fishhealth endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_localitieswithdisease](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_localitieswithdisease)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get\\_v1\\_geodata\\_download\\_localityarea](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/Download/get_v1_geodata_download_localityarea)



Updates to our APIs and documentation (2021-02-22)

Anders Bakkevoid posted on Feb 21, 2021

We have updated the documentation for application registration and authentication. It is now possible to log in with your own client\_id to the OpenAPI documentation. Read more here: [Application registration and authentication](#).

Updated endpoints:

- Added new property 'isSlaughterHoldingCage' to these endpoints:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/ExportRestrictions/get\\_v1\\_geodata\\_fishhealth\\_exportrestrictions\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/ExportRestrictions/get_v1_geodata_fishhealth_exportrestrictions__year__week_)
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__year__week_)
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityId\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__localityId__year__week_)
- Added municipality info to this endpoint:
  - [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_localities](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_localities)
- Changed when downloading Fishhealth Excel/CSV:
  - 'Brakklagt' column is now called 'Trolig uten fisk'



Fishhealth WellBoatWeek APIs will be removed 4 May 2021

Anders Bakkevoid posted on Feb 03, 2021

The WellBoatWeek APIs have been replaced by a VesselTrackWeek API, as announce here: [Updates to our APIs \(2020-02-04\)](#)

These WellBoatWeek API endpoints will be removed after 4 May 2021:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_geodata\\_ais\\_wellboat\\_\\_mmsi\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_geodata_ais_wellboat__mmsi__year__week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityno\\_\\_wellboat\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_geodata_fishhealth_locality__localityno__wellboat__year__week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_geodata\\_ais\\_rawwellboatpoints\\_\\_mmsi\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_geodata_ais_rawwellboatpoints__mmsi__year__week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_geodata\\_ais\\_rawwellboatline\\_\\_mmsi\\_\\_year\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_geodata_ais_rawwellboatline__mmsi__year__week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_shipregister\\_wellboats](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_shipregister_wellboats)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get\\_v1\\_wellboat\\_latestpositions](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/WellBoatWeek/get_v1_wellboat_latestpositions)



Updates to our APIs (2020-02-04)

Anders Bakkevold posted on Feb 03, 2021

## New Fishhealth APIs

VesselTrackWeek apis replace the WellBoatWeek apis. VesselTrackWeek tracks all wellboats as before, but also other vessels that have been at an aquaculture site.

Endpoints:

- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_vesseltrack\\_\\_mmsi\\_\\_\\_year\\_\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_vesseltrack__mmsi___year___week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityno\\_\\_\\_vessel\\_\\_\\_year\\_\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_locality__localityno___vessel___year___week_)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_vesselslatestpositions](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_vesselslatestpositions)
- [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get\\_v1\\_geodata\\_fishhealth\\_vessels](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/VesselTrackWeek/get_v1_geodata_fishhealth_vessels)

**The WellBoatWeek API is marked as obsolete, and will be removed after 4. May 2021.**

## New Waveforecast APIs

Get wind forecast along a fairway:

- Along a predefined fairway: [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/FairwayWeather/get\\_v1\\_geodata\\_fairway\\_wind\\_\\_modelName\\_\\_\\_fairwayId\\_\\_\\_time\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/FairwayWeather/get_v1_geodata_fairway_wind__modelName___fairwayId___time_)
- Along a custom fairway: [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/FairwayWeather/post\\_v1\\_geodata\\_fairway\\_custom\\_wind](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/FairwayWeather/post_v1_geodata_fairway_custom_wind)



Updates to Fish Health APIs (19.01.2020)

Anders Bakkevold posted on Jan 18, 2021

Due to a new data source for ISA and PD diseases these changes have been made today:

- Updated [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v1\\_geodata\\_fishhealth\\_locality\\_\\_localityId\\_\\_\\_year\\_\\_\\_week\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v1_geodata_fishhealth_locality__localityId___year___week_)
  - new property "ilaPdCase" which will have data from week 45, 2020 from the new dataset (instead of the "ilapd" property)
- New endpoint [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get\\_v2\\_geodata\\_fishhealth\\_locality\\_\\_localityNo\\_\\_\\_disease\\_\\_\\_year\\_](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Fishhealth%20API#/FishhealthLocality/get_v2_geodata_fishhealth_locality__localityNo___disease___year_)
- Download (excel/csv):
  - added new columns for disease
  - fromdate/todate will be empty from week 45, 2020 (dates will be in the new columns).



API token requirement enforced

Anders Bakkevold posted on Jan 10, 2021

To access the BarentsWatch API it is mandatory to register and use a token, as documented here: [Application registration and authentication](#).

Today this policy is enforced, and unauthenticated requests will receive a 401 HTTP status code. If you get this error, you need to self-register a client, and pass an access token with your requests.



Future changes to our Fish Health APIs

Anders Bakkevold posted on Dec 07, 2020

Due to a new data source for ISA and PD diseases, there will be changes in this endpoint:

```
/v1/geodata/fishhealth/locality/{localityId:int}/{year:int}/{week:int}
```

The "ilaPd" property will be *null* for all localities from week 45, 2020. The new property "ilaPdCase" will have the information about diseases.

This endpoint has a new data model:

```
"ilaPdCase": [  
  {  
    "id": "PD2020-67",  
    "localityNo": 20815,  
    "disease": "PD",  
    "subtype": "SAV3",  
    "disproved": false,  
    "suspectedDate": "2020-05-05T02:00:00+02:00",  
    "confirmedDate": null,  
    "emptiedDate": null,  
    "closedDate": null,  
    "disprovedDate": null,  
    "createdDate": null,  
    "changedDate": "2020-05-05T02:00:00+02:00"  
  }  
],
```

The change of the API will take effect 7<sup>th</sup> January 2021. The API documentation will also be updated this date. If you need documentation earlier, please contact us.



Updates to our APIs (2020-12-07)

Anders Bakkevold posted on Dec 06, 2020

New endpoint in Sustainability in Aquaculture: [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/Datasets/get\\_v1\\_geodata\\_bki\\_dataset\\_seafoodsafety](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Sustainability%20In%20Aquaculture%20API#/Datasets/get_v1_geodata_bki_dataset_seafoodsafety)

Updated Waveforecast endpoint: [https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/Waveforecast/get\\_v1\\_geodata\\_waveforecast\\_modelrundatetime](https://www.barentswatch.no/bwapi/openapi/index.html?urls.primaryName=Waveforecast%20API#/Waveforecast/get_v1_geodata_waveforecast_modelrundatetime)