

Zuydersea Lighthouse Tour

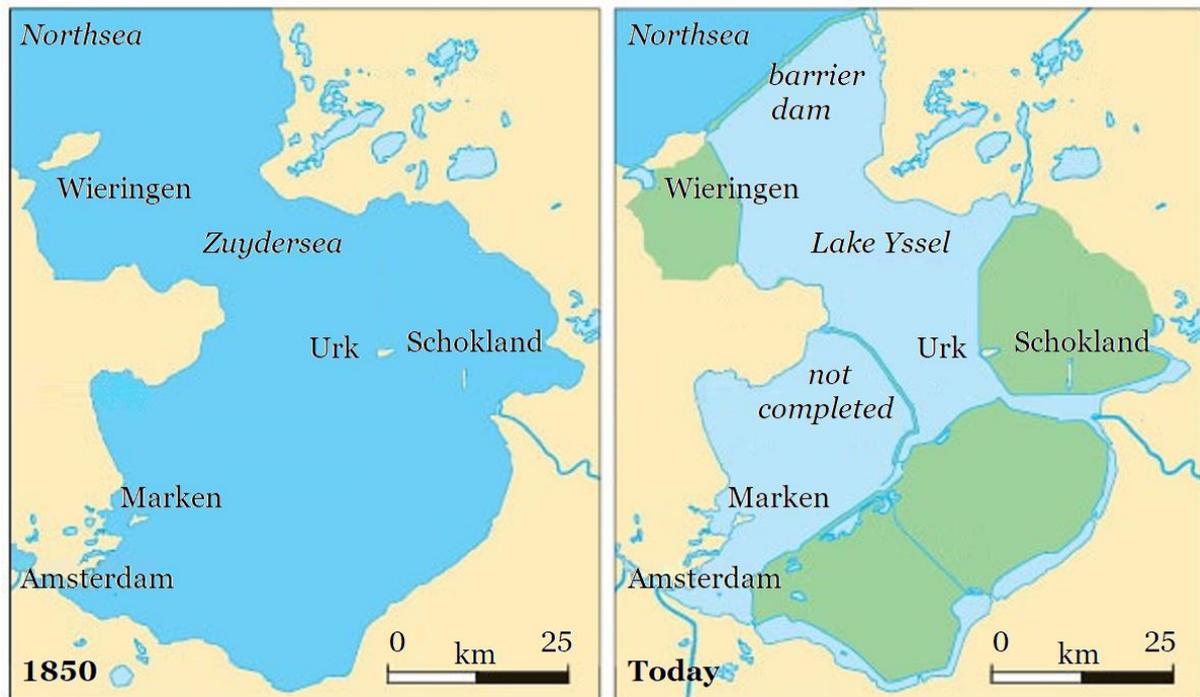
for amateur radio operators¹

Introduction

The enthusiasm amongst amateur radio operators to activate lighthouses worldwide is obvious: appreciating nautical heritage and the fun of operating portable goes simultaneously together with building public awareness about preservation and with promoting amateur radio. The fisherman villages, trade towns and (Hansa) cities located around the former Dutch Zuydersea have a the long and rich history and nautical heritage. An amateur radio tour devoted to the Zuydersea lighthouses starts with some historical background.

A short history

The Zuydersea (*Zuiderzee* or Southern Sea) was formed by a series of serious flood events in the early middle ages. The floodings caused a permanent open connection between the North Sea and lake *Almere* (or lake *Flevo* as the Romans called it). The name Zuydersea was first mentioned in the year 1340. The body of water had grown to a surface of approximately 5.900 km². This attracted settlements around it. Trade flourished, first with the Baltics (Eastern Sea) and in the 16th century worldwide (including colonies). In these years the biggest of sailing vessels crossed the Zuydersea. From the beginning of the 19th century fishery gained importance, culminating in an estimated fleet of 2.000 small sailing vessels around the year 1900.



Access to the open sea came to an end in 1932 with the closing of a long barrier dam, known as the *Afsluitdijk*. Water had to make way for new farmland. The Zuydersea was renamed as Lake Yssel (*IJsselmeer*), salt water became fresh and for large parts water became land. This had a dramatic effect on the livelihood of the people and as a consequence the visual aids to

¹ Version 2020 August 31, minor changes to improve the readability aside.

navigation. Old lights lost their function, while new lights emerged elsewhere. Through history many lights could be seen in this region.

A cataloguing

In size similar structures were called lighthouse or light-beacon while being used as sector-, guide- or harbour-light. In this region name and size does not say all. Indeed, a lantern on wooden poles doesn't match with nostalgic and romantic (often Victorian) images many have in mind if it comes to lighthouses. But poor man's lights cannot simply be dismissed as "street-bulbs" if they had a huge nautical and historic significance for the sailors and communities involved.

Many communities around the Zuydersea had, and sometimes still have, harbours and fishing fleets. Yet, there is not always an touchable evidence left of the visible aids of navigation so often seen on old pictures or old postcards. This is regrettable, but a fact to live with.

The Amateur Radio Lighthouse Society ([ARLHS](#)) maintains a World List of Lights (WLWL) to accommodate amateur radio operation. The major Zuydersea heritage lights that are still physically there (i.e. structures with a height more than 8 m and light range of 8 nm or more) can be listed as follow:

1	NET-003 De Ven	2	NET-006 Den Oever
3	NET-010 Durgerdam Hoek van 't IJ	4	NET-012 Stavoren high NET-069/070 Harbour light red/green
5	NET-037 Havenlicht Enkhuizen	6	NET-014 Reus van Lemmer
7	NET-017 Paard van Marken	8	NET-026 Urk
9	NET-158 Old-Kraggenburg rear high NET-052 Old-Kraggenburg front low	10	NET-059 Oosterleek
11	NET-162 Harderwijk rear high	12	NET-173 Creil Rotterdamse hoek
13	NET-179 Workum rear high	14	NET-181 Elbrug rear high NET-AAA Elburg front low
15	NET-188 Volendam	16	NET-189 Blokzijl pier head
17	NET-205 Old-Emmeloord rear high	18	NET-206 Zeughoek
19	NET-207 Harbour-light Medemblik	20	NET-208 Harbour-light Hoorn
21	NET-AAB Kruine harbour-lights	22	NET-AAC Hindeloopen harbour-light

In [Appendix 1](#) these major sites are plotted on a map.

Amateur radio operation

Amateur radio activation of the lights happens as close as possible to the light, preferably a physical presence on or adjacent to the structure. The ARLHS handles primary the [1.000 meter rule](#). This is feasible for most of the activations, but if that would be illegal, ill-advised, impossible, or impractical, then the [visual sight rule](#) can be applied.

A shortlist of lights

We present a non-exhaustive shortlist, ordered by ARLHS-registration number. Many lights have a place in the historical events of the Zuydersea. All content is presented on our own account. Other lights, “historical” or modern, need to be added.

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Contact: [editor](#)

NET-003 De Ven

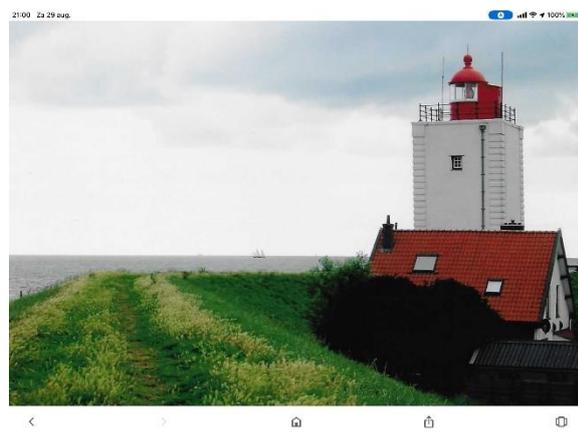
Town	Enkhuizen
Location	Enkhuizen northern dike
Position Lat (dms)	52°44'31" N
Position Long (dms)	5°16'56" E
QTH-locator	JO22PR
Year built	1700
Material	Stone
Height construction (m)	15 m
Height light (m)	17 m
Range light (m)	11 nm
Characteristic	Fl.W10S*

*Note August 2020: Needs to be checked, deactivation in 2009 is likely.

Additional information:

Location (also locally known as Geldersche Hoek) has a (general guide) light since unknown date, current stone structure build in 1700 (inside is overhauled). National monument since 1966 (nr. 15066).

A deactivation in 2009 was announced, but it is still present on current nautical maps.



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NET-006 Den Oever

Town	Den Oever
Location	Wieringen harbour east quay*
Position Lat (dms)	52°56'14" N*
Position Long (dms)	5°02'07" E*
QTH-locator	JO22MW
Year built	1885
Material	Cast iron
Height construction (m)	16 m
Height light (m)	15 m
Range light (mi)	-
Characteristic	Deactivated 2009

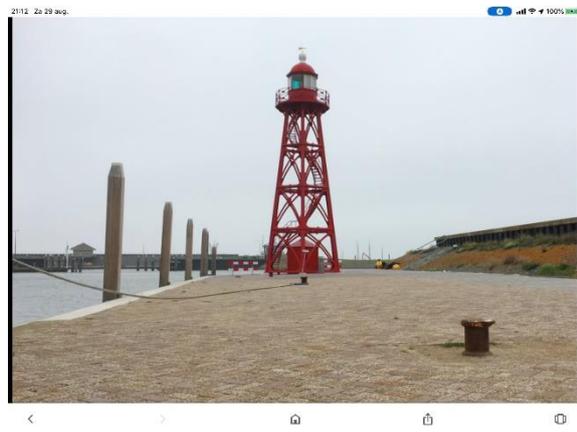
*Note August 2020: Location needs to be checked

Additional information:

The 1885 skeleton structure from rear high Westerland (Wieringen Westeinde) is relocated in 1930 to Den Oever. See also [NET-202](#). The light range was 7-10 nm. National monument since 1998 (nr. 510383).

A doubtful case?

Since 1932 the position in Den Oever was on the locks (Stevin-sluizen) separating fresh and sea water. The lighthouse is in 2017 repositioned to the sea harbour, therefore very clearly no longer within the Lake Yssel. Whether the new location is permanent or not, it raises the question where in the past the Zuydersea ended on the north side. If the 1930 barrier dam (Afsluitdijk) is an arbitrary landmark, why not consider the lighthouse of Harlingen (NET-009), and the Zurich-lights (if anything is left these), as part of the Zuydersea heritage too?



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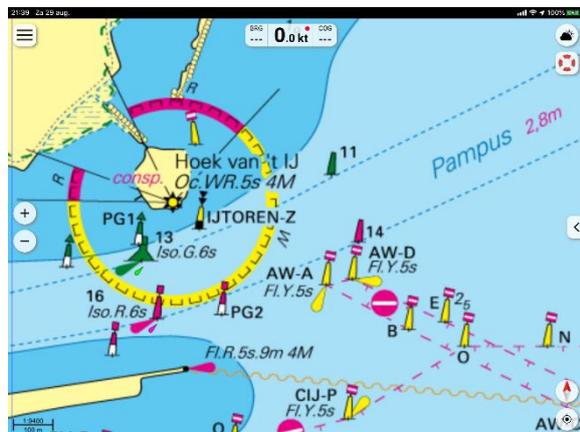
NET-010 Durgerdam Hoek van 't IJ (Durgerdam corner of estuary 't IJ)

Town	Durgerdam
Location	Lighthouse Island (Vuurtoreneiland)
Position Lat (dms)	52°22'18" N
Position Long (dms)	5°00'50" E
QTH-locator	JO22MI
Year built	1893
Material	Cast iron
Height construction (m)	19,5 m
Height light (m)	18 m
Range light (mi)	-
Characteristic	Oc.WR5s

Additional information:

Location (also locally known as IJdoorn) has a stone lighthouse since 1702, that was replaced in 1893 by the current iron cast skeleton structure. Decommissioned in 2003 and reactivated in 2005. Light range today is unclear, but was 11-14 nm. National monument since 1981 (nr.6788).

A little further to the south at the tip of the Durgerdammer dike, there was a secondary light for a short while (Blauwe Hoofd 1949-). Only the square 3,5m brick statue of that light is left. Around 1900 some nautical maps show two more lights in the neighbourhood. One is on the breakwater dam right in front of the lighthouse. This one still exists. The other is on top of fort-island Pampus.



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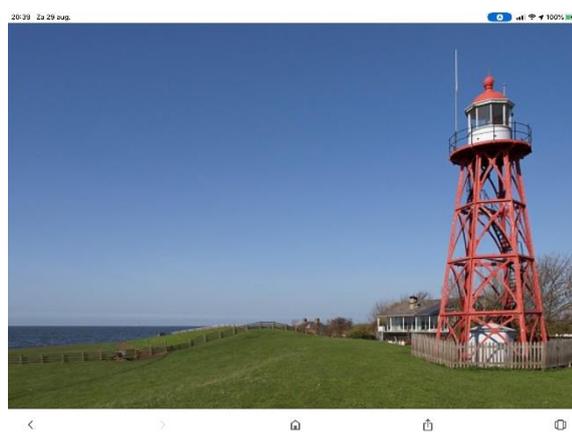
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NET-012 Hoge licht Stavoren (Stavoren rear high)

Town	Stavoren
Location	Stavoren old harbour
Position Lat (dms)	52°53'16" N
Position Long (dms)	5°21'27" E
QTH-locator	JO22QV
Year built	1884
Material	Cast iron
Height construction (m)	15,7 m
Height light (m)	15,3 m
Range light (m)	12 nm
Characteristic	Iso.W4s

Additional information:

Town has lights at least since 1781 (hence [NET-159](#)?). The rear high light works in conjunction with the green low front on the southern pier head ([NET-070](#)). The location has a red harbour light as well ([NET-069](#)). National monument since 1999 (nr. 513618). The former fishing fleet of Stavoren can be recognized by ST as vessel registration.



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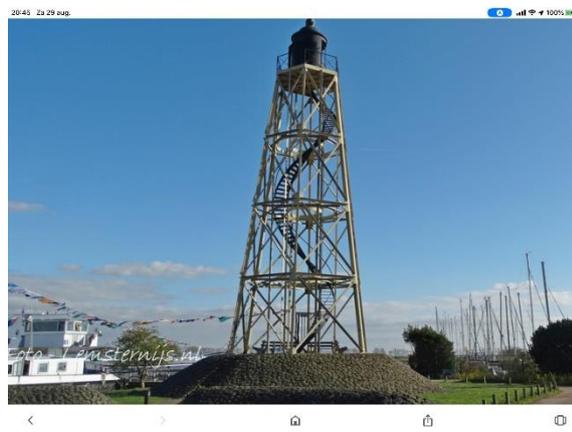
NET-014 De reus van Lemmer (The giant of Lemmer)

Town	Lemmer
Location	Lemmer old harbour
Position Lat (dms)	52°50'19" N
Position Long (dms)	5°42'27" E
QTH-locator	JO22UU
Year built	1993 replica
Material	Cast iron
Height construction (m)	17 m
Height light (m)	19 m
Range light (mi)	-
Characteristic	Deactivated 1939

Additional information:

The town has a light since a unknown date, but at least since 1800. The 1887 steel structure was deactivated in 1939 and disassembled in 1968, light range unknown, but probably > 8 nm. The town has two harbour-lights on pier heads too and they appear on the map at the same time as the lighthouse. The red one may have worked as a low front for a line of approach. Today the pierhead is restored and partly a replica.

The current main structure is a replica that was built in 1993 primary as piece of decor for a movie (filmed on location in Stavoren, hence [NET-159?](#)), and afterward donated to Lemmer). The fishing fleet of Lemmer can be recognized by LE as vessel registration.



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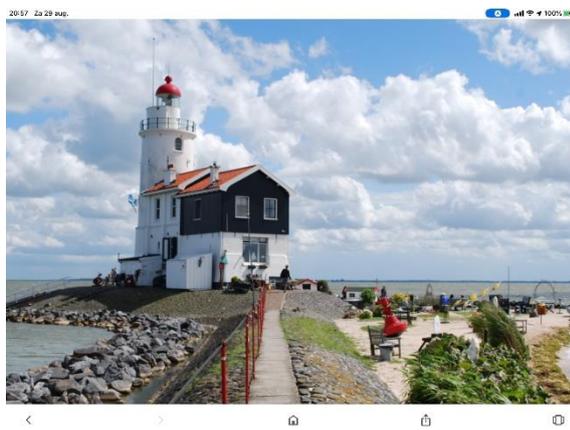
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NET-017 Paard van Marken (Horse of Marken)

Town	Marken
Location	Marken island east end
Position Lat (dms)	52°27'35" N
Position Long (dms)	5°08'20" E
QTH-locator	JO22NL
Year built	1839
Material	Stone
Height construction (m)	15,5 m
Height light (m)	16 m
Range light (mi)	9 nm
Characteristic	Oc.W8s

Additional information:

Location has a (general guide) light since unknown date, but at least since 1700 when the current stone structure was built. National monument since 1970 (nr. 28274).



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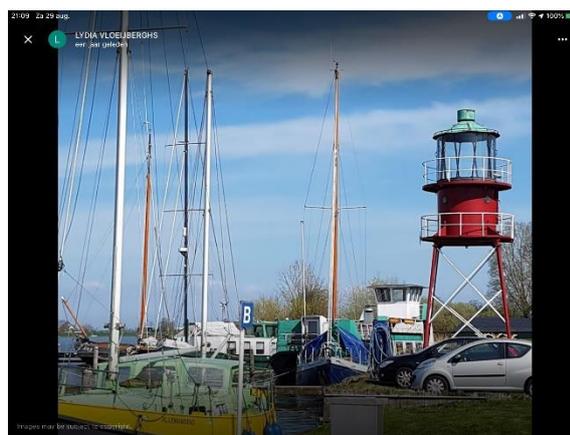
NET-023 Lichttoren Lichtschip nr. 9 (Light-tower lightvessel nr. 9)

Town	Monnickendam
Location	Monnickendam marina
Position Lat (dms)	52°27'34" N
Position Long (dms)	5°02'43" E
QTH-locator	JO22ML
Year build	1933
Material	Steel
Height construction (m)	Approx. 10 m
Height light (m)	-
Range light (mi)	-
Characteristic	Decactivated 1979

Additional information:

NET-023 is in 2006 registered by the ARLHS as *Lightship Terschellinger Bank H*. There is no further information available, except that it is classified as “historic”, more precise would be “artifact”.

The artifact is the former steel skeleton tower from lightvessel nr. 9 "Terschellingerbank" (1933), used as harbour light from 1984, then restored and relocated to current location in a marina in 2001. The body of the lightvessel is moored in Walsoorden.



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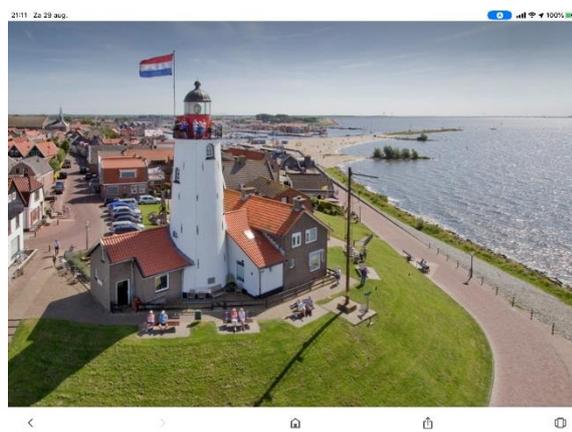
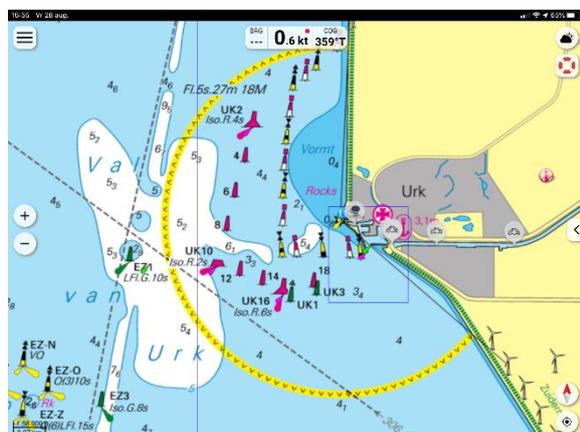
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NET-026 Urk

Town	Urk
Location	Urk waterfront
Position Lat (dms)	52°39'40" N
Position Long (dms)	5°35'31" E
QTH-locator	JO22TP
Year built	1845
Material	Stone
Height construction (m)	18,5 m
Height light (m)	27 m
Range light (mi)	18 nm
Characteristic	Fl.W5s

Additional information:

Town has a (general guide) light since unknown date, but at least since 1617. The former island of Urk is now landlocked. National monument since 1980 (nr. 35880). The community's fleet is based in [Urk harbour](#).



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NET-036 Oud-Emmeloord houten lichtopstand (Old-Emmeloord wooden beacon)

Town	Schokland
Location	Schokland north end
Position Lat (dms)	52°39'22" N
Position Long (dms)	5°46'46" E
QTH-locator	JO22VP
Year built	1880
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1908

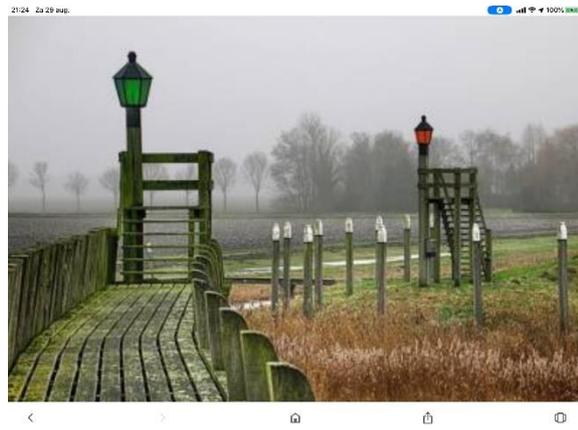
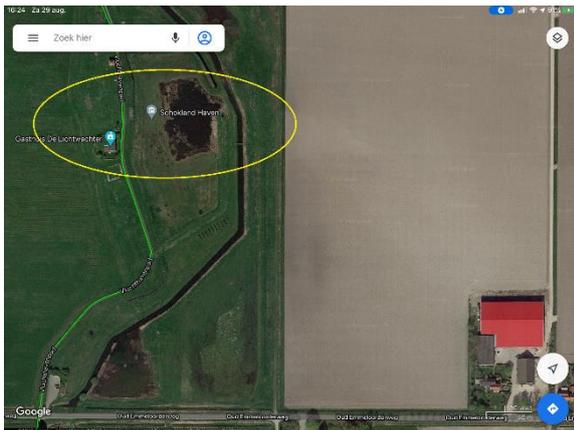
Additional information:

NET-036 is in 2006 registered by the ARLHS as *Emmeloord H*. There is no further information available, except that it is classified as “historic”. No physical evidence left on the location can give a clue what was intended by this entry.

Here is an interpretation concerning NET-036:

“Emmeloord” in the context of lighthouses refers to what is better known as “Old-Emmeloord” a settlement on the northern tip of Schokland island. The island is now landlocked and the modern town of Emmeloord (established in 1943 and named after the former settlement) is just a couple of km away from Schokland.

Old-Emmeloord on former Schokland island had a harbour. At least since 1889 the harbour had a 3,5 m wooden tripod with a light range of 4 nm. The harbour entrance had two lanterns on poles as well. NET-036 might refer to these wooden structures. The wooden tripod is replaced by an iron structure in 1908. Later the iron structure is also dismantled and replaced by a replica [NET-205](#).



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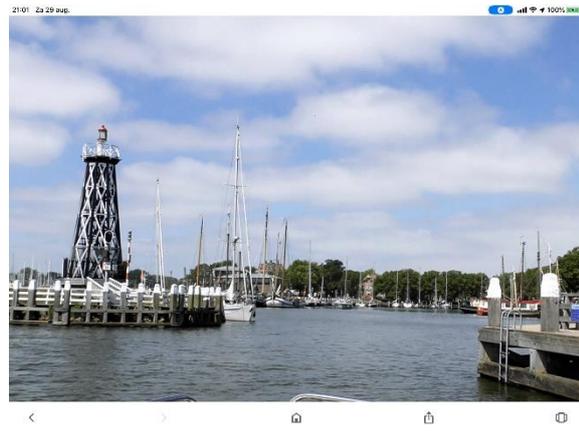
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NET-037 Havenlicht Enkhuizen (Harbour-light Enkhuizen)

Town	Enkhuizen
Location	Enkhuizen old harbour
Position Lat (dms)	52°41'57" N
Position Long (dms)	5°17'35" E
QTH-locator	JO22PQ
Year built	1888
Material	Iron profile
Height construction (m)	14 m
Height light (m)	16 m
Range light (mi)	6 nm
Characteristic	Deactivated 1932

Additional information:

The harbour-light is a former rear high light (also locally known as 't Vuurtje). The town has a light since unknown date, but at least since 1859. Today the skeleton steel structure (with symbolic blue light) is bypassed by a modern red harbour light. National monument since 1997 (nr. 507076). Because of a train-ferry service between Enkhuizen and Stavoren (1886-1936), the town has harbour-lights on her long breakwaters as well. The fishing fleet of Enkhuizen can be recognized by EH as vessel registration.



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NET-038 Fundament 3e toren Ens (Foudation of 3rd tower Ens)

Town	Schokland
Location	Schokland south end
Position Lat (dms)	52°37'12" N
Position Long (dms)	5°46'20" E
QTH-locator	JO22VO
Year built	1825
Material	Stone
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1856

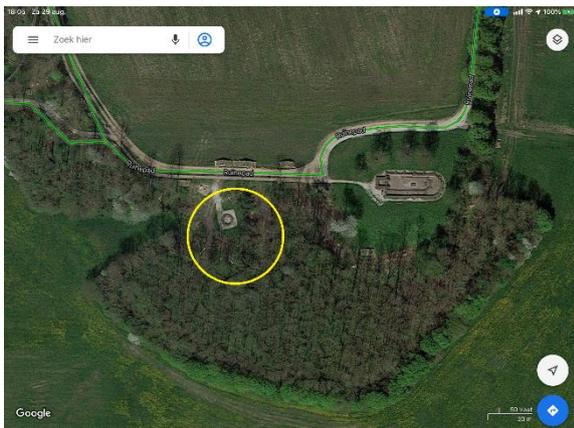
Additional information:

NET-038 *Ens H* and NET-175 *Schokland H* are both registered by the ARLHS in 2006 without further information, except that it is classified as “historic”. No physical evidence left on the location is to be expected. The names can give a clue what was intended by this entry.

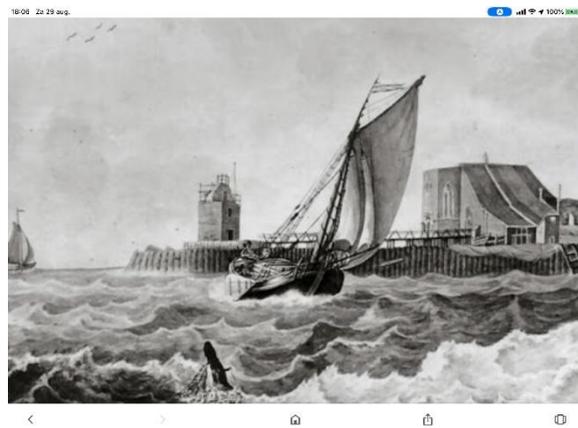
Here is an interpretation concerning NET-038/175:

“Ens” in the context of lighthouses refers a settlement on the southern tip of Schokland island. The island is now landlocked. The location Ens had a light since unknown date, but at least since 1618 the location had three generations of stone structures. In books they often carry the name: light beacon of Ens. Only the fundament of the 3rd tower is left today (four rows of bricks high). NET-038 might refer to the location of these successive structures.

This last 3rd tower is replaced by an iron cast tower including a keepers house in 1865, just a couple of meters away, on a mound atop of fundamentals of a church. The height of the construction was approx. 10 m. The original light range is unknown, but probably > 8 nm. Deactivated in 1940. The iron profile skeleton structure is fully disassembled in 1944. The excavated foundations of the church are still visible. This lighthouse is named: Schokker Jaap. [NET-175](#) might refer to this light.



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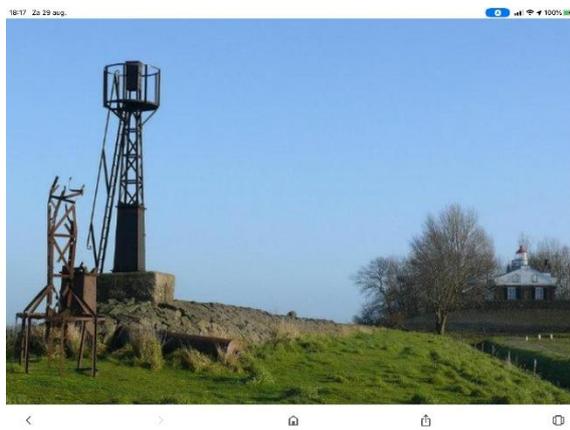
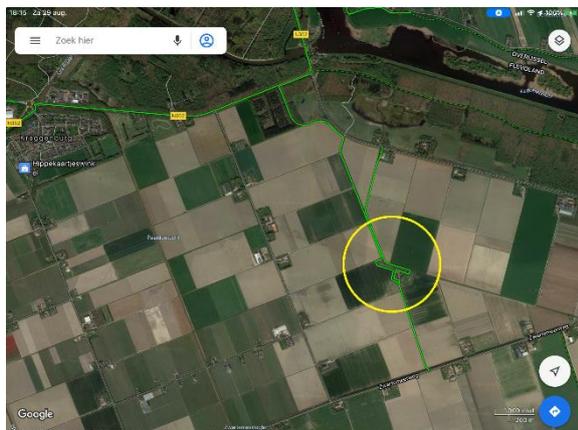
NET-052 Havenhoofd Oud-Kraggenburg (Old-Kraggenburg front low)

Town	Oud-Kraggenburg
Location	In fields south-east of Kraggenburg
Position Lat (dms)	52°39'12" N
Position Long (dms)	5°56'19" E
QTH-locator	JO22XP
Year built	1992 replica
Material	Steel
Height construction (m)	Approx. 6 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1940

Additional information:

Please see [NET-158](#) Kraggenburg. The utmost tip of the 6 km long pier head of Kraggenburg had a light since at least 1848. In 1919 it is replaced by a steel structure, light range unknown, deactivated in 1940. A replica of the 1919 light was built in 1992 and placed on its original place on the pier head. Today the location is landlocked.

NET-052 is in 2006 registered by the ARLHS as *Kraggenburg South Tower H*. There is no further information available, except that it is classified as “historic”. There is physical evidence left on location, although in the form of a replica. It raises the question why this particular replica carry the “H” and other replica’s don’t.



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NET-056 Lichthuis Paard van Marken (Lanternhouse of Horse of Marken)

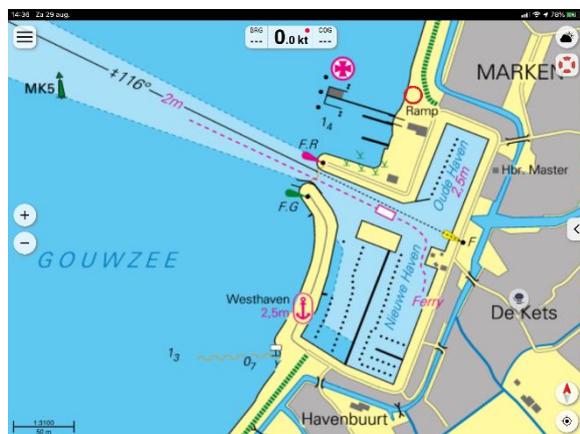
Town	Marken
Location	Marken harbour entrance
Position Lat (dms)	52°27'33" N
Position Long (dms)	5°06'01" E
QTH-locator	JO22LN
Year built	1901
Material	Steel
Height construction (m)	Approx. 3 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1992

Additional information:

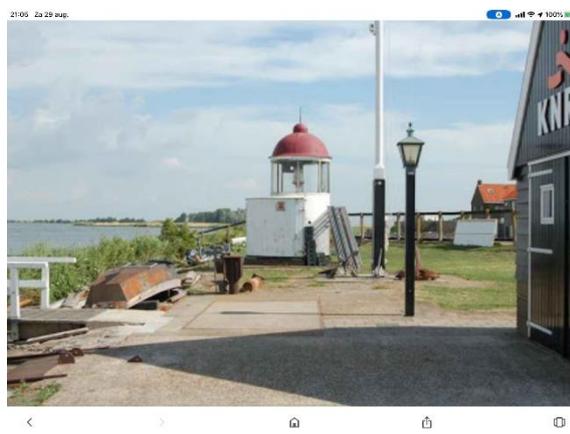
NET-056 is registered by the ARLHS in 2006 as *Maraken Harbour H*, without further information, except that it is classified as “historic”. No physical evidence left on the location is to be expected. Since a harbour named Maraken is unknown to us, we believe the entry refers to something “historic” in the harbour of Marken.

Here is an interpretation concerning NET-056:

Artifact. Former iron/steel lanternhouse from Marken lighthouse, saved in 1992, located (with symbolic light) in harbour entrance near the life guard station. See also [NET-017](#) Paard van Marken and [Marken harbour](#).



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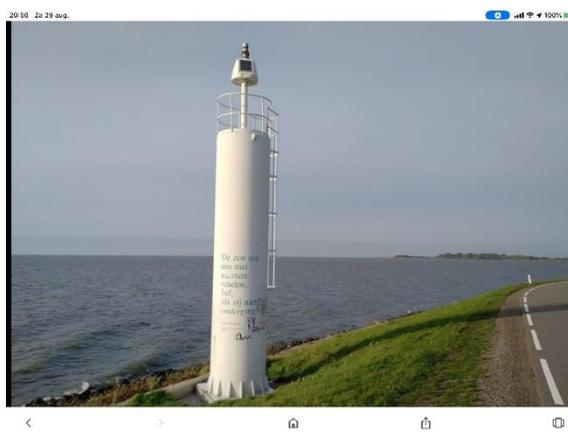
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NET-059 Oosterleek

Town	Oosterleek
Location	Oosterleek dike
Position Lat (dms)	52°38'12" N
Position Long (dms)	5°11'53" E
QTH-locator	JO22OP
Year built	2001
Material	Steel
Height construction (m)	8,8 m
Height light (m)	12 m
Range light (mi)	9-11 nm
Characteristic	Fl.RW6s

Additional information:

The location (also locally known as Leekerhoek or 't Leeker Licht) has a (general guide) light since 1913. The light was replaced in 2001 by a steel structure of the same model (the 1913 structure is kept in a museum depot).



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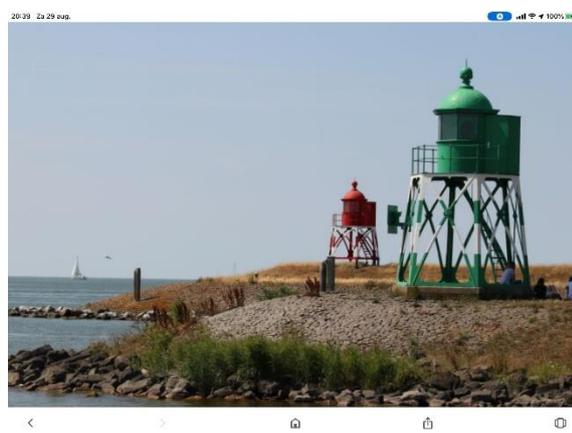
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NET-069 Havenlicht rood Stavoren (Harbour-light red Stavoren)

Town	Stavoren
Location	Stavoren harbour west
Position Lat (dms)	52°53'11" N
Position Long (dms)	5°21'08" E
QTH-locator	JO22QV
Year built	1885
Material	Cast Iron
Height construction (m)	6,3 m
Height light (m)	8,5 m
Range light (mi)	-
Characteristic	F.R.

Additional information:

Harbour light red. National monument since 1999 (nr. 513616). Please see also [NET-012](#) Hoge licht Stavoren.



Last updated: August 2020

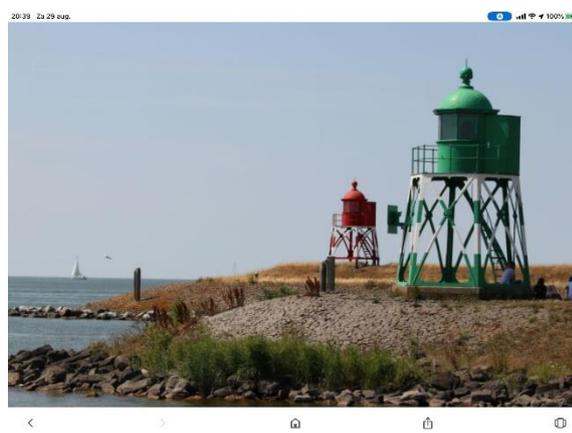
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NET-070 Havenlicht groen Stavoren (Harbour-light front low green Stavoren)

Town	Stavoren
Location	Stavoren harbour east
Position Lat (dms)	52°53'09" N
Position Long (dms)	5°21'13" E
QTH-locator	JO22QV
Year built	1885
Material	Cast iron
Height construction (m)	7,2 m
Height light (m)	8 m
Range light (mi)	-
Characteristic	F.G.

Additional information:

Harbour light green works with rear high [NET-012](#) Hoge light Stavoren. National monument since 1999 (nr. 513616).



Last updated: August 2020

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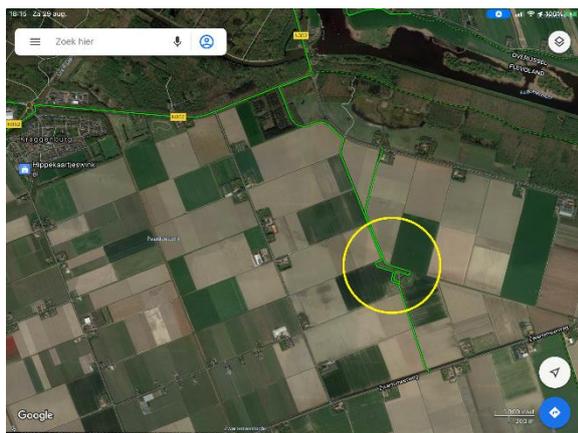
NET-158 Lichtwachterswoning Oud-Kraggenburg (Old-Kraggenburg rear high)

Town	Oud-Kraggenburg
Location	In fields south-east of Kraggenburg
Position Lat (dms)	52°39'10" N
Position Long (dms)	5°56'27" E
QTH-locator	JO22XP
Year built	1877
Material	Stone
Height construction (m)	11 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1940

Additional information:

Lantern, with former light range of 10 nm, is located atop of a lightkeepers house on a 6 km long pier into the sea along the shipping lane to/from the town of Zwolle. Today the location is landlocked. National monument since 1969 (nr, 30726). Please see also [NET-052](#) Kraggenburg front low.

The former fishing fleet of Zwolle, Zwartluis, Hasselt and Genemuiden, all passing this lighthouse, can be recognized by ZE, ZS, HAS and GM as vessel registrations.



Last updated: Aug 2020



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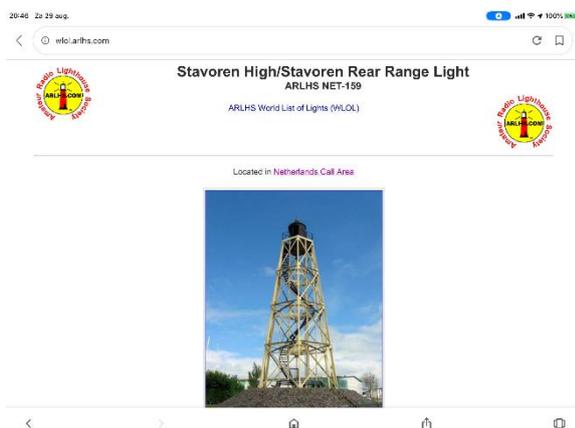
NET-159 Hoge licht Stavoren II (Stavoren rear high II)

Town	Stavoren
Location	Stavoren old harbour
Position Lat (dms)	52°53'16" N
Position Long (dms)	5°21'27" E
QTH-locator	JO22QV
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (m)	-
Characteristic	-

Additional information:

NET-159 Stavoren High/Stavoren Rear Range Light is a “historic” one. So no physical evidence to be expected. Stavoren had lights at least since 1781. Three still existing lights refer to [NET-012](#), [NET-069](#) and [NET-070](#). Around 1900 there was a fourth light, a little south of NET-070, to mark a line of sight with a light bouy and the rear high, that could be used if a [Hindeloopen](#) approach was needed via Stavoren.

The ARLHS NET-159 entry gives no further information, except for a picture. The picture shows [NET-014](#) De reus van Lemmer, though:



Here is an interpretation concerning NET-159:

The original 1887 lighthouse of Lemmer is disassembled in 1968. For the shooting of a motion picture in 1993 a replica was needed as a piece of decor. The movie was filmed on location in Stavoren for practical reasons. After filming the replica was donated to Lemmer and located in the harbour, where it still stands today. The picture accompanied to the ARLHS NET-159 entry shows the structure on location in Lemmer. NET-159 might refer to this structure when it was in Stavoren during film shooting.

Last updated: August 2020

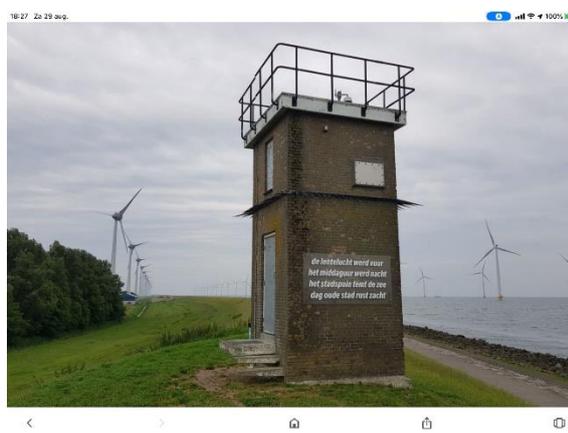
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NET-173 Rotterdamse Hoek Creil (Rotterdam corner Creil)

Town	Creil
Location	Creil dike
Position Lat (dms)	52°45'52" N
Position Long (dms)	5°35'46" E
QTH-locator	JO22TS
Year built	1950
Material	Stone
Height construction (m)	7,5 m
Height light (m)	13 m
Range light (mi)	5-8 nm
Characteristic	Deactivated 2001

Additional information:

The name of the (general guide) light refers to the materials used to construct the dike: debris from the 1940 bombardment of Rotterdam.



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NET-175 IJzeren vuurtoren Ens (Iron profile tower Ens)

Town	Schokland
Location	Schokland south end
Position Lat (dms)	52°37'13" N
Position Long (dms)	5°46'24" E
QTH-locator	JO22VO
Year built	1856
Material	Iron profile
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1940

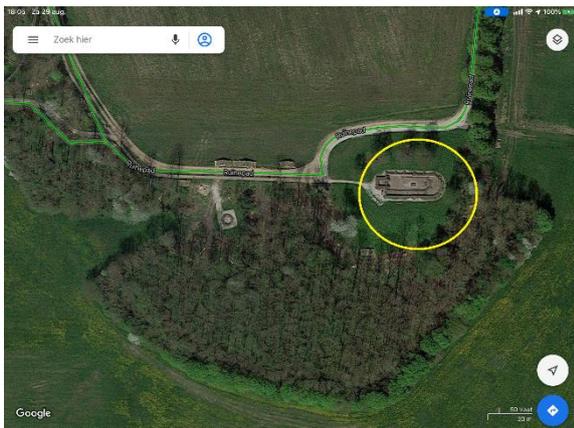
Additional information:

NET-038 *Ens H* and NET-175 *Schokland H* are both registered by the ARLHS in 2006 without further information, except that it is classified as “historic”. No physical evidence left on the location is to be expected. The names can give a clue what was intended by this entry.

Here is an interpretation concerning NET-038/175:

“Ens” in the context of lighthouses refers a settlement on the southern tip of Schokland island. The island is now landlocked. The location Ens had a light since unknown date, but at least since 1618 the location had three generations of stone structures on the same spot. In books they often carry the name: light beacon of Ens. Only the fundament of the 3rd tower is left today (four rows of bricks high). [NET-038](#) might refer to these successive structures.

This last 3rd tower is replaced by an iron cast tower including a keepers house in 1865, just a couple of meters away, on a mound atop of fundamentals of a church. The height of the construction was approx. 10 m. The original light range is unknown, but probably > 8 nm. Deactivated in 1940. The iron profile skeleton structure fully disassembled in 1944. The excavated foundations of the church are still visible. This lighthouse is named: Schokker Jaap or just Schokland. NET-175 might refer to this light.



Last updated: August 2020



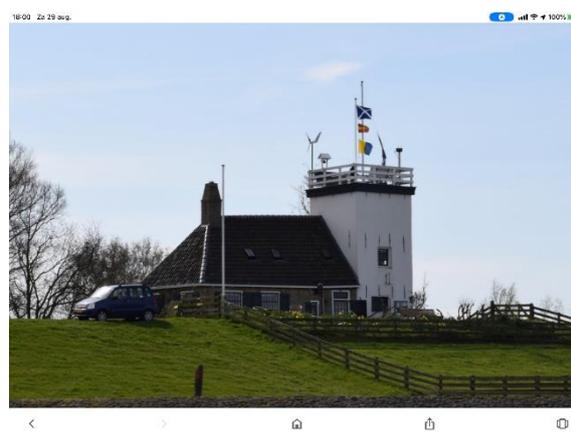
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NET-179 Workum hoge licht (Workum rear high)

Town	Workum
Location	Workum southern dike
Position Lat (dms)	52°57'36" E
Position Long (dms)	5°24'43" E
QTH-locator	JO22QX
Year built	1778
Material	Stone
Height construction (m)	Approx. 9 m
Height light (m)	Aprox. 14 m
Range light (mi)	-
Characteristic	Deactivated 1932

Additional information:

Location (also locally known as It Toarntsje) has lights at least since 1623. Today's structure from 1778 is a replica of the 1708 structure. The light worked in conjunction with a low front light at the foot of southern pier head. Until 1880 the light was open fire. Both lights are replaced with modern line lights (Oc.W6s). National monument since 1981 (nr. 39453). The former fishing fleet of Workum can be recognized by WK as vessel registration.



Last updated: August 2020

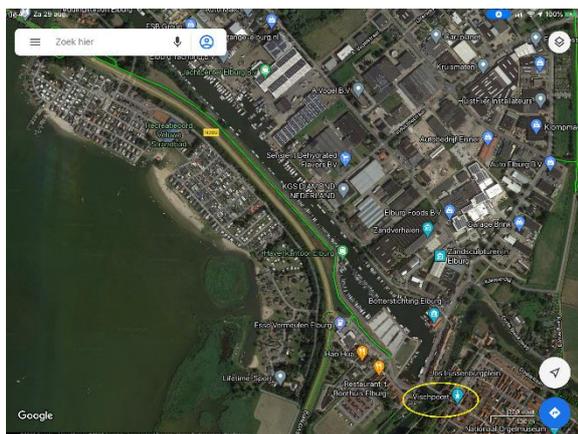
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NET-181 Vischpoort Elburg (Elburg rear high)

Town	Elburg
Location	Elburg waterfront
Position Lat (dms)	52°26'57" N
Position Long (dms)	5°49'54" E
QTH-locator	JO22VK
Year built	1731
Material	Stone
Height construction (m)	Approx. 15 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated in 1950s

Additional information:

Latern house on top of 16th century brick town entrance gate, original light range unknown, but probably > 8 nm (today it has a symbolic white light). The light worked in connection with a pier head ([Elburg front low](#)) nearly 2 km into the sea. National monument 1992 (nr. 430528). The former fishing fleet of Elburg can be recognized by EB as vessel registration.



Last updated: August 2020

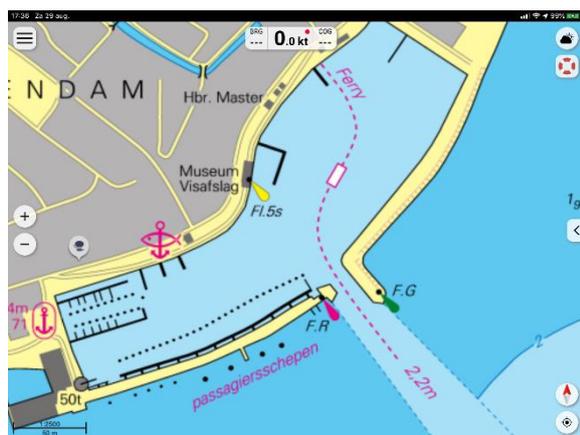
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NET-188 Volendam

Town	Volendam
Location	Volendam harbour
Position Lat (dms)	52°29'36" N
Position Long (dms)	5°04'32" E
QTH-locator	JO22ML
Year built	1934
Material	Wood
Height construction (m)	Approx. 12 m
Height light (m)	Approx. 13 m
Range light (mi)	Unknown
Characteristic	Fl.W5s

Additional information:

The town has harbor lights since unknown date, but at least since the 1850's lanterns on wooden tripods/poles. Today the harbour has a modern flashing light on top of a wooden fish auction house (St. Vincentius). The harbour pier heads have traditional looking lanterns on wooden poles (the green side outfitted with an old fog signal horn (1930's?) and the red side since 1953 marked with a Maria statue). National monument since 1999 (nr. 511037). The fishing fleet of Volendam can be recognized by VD as vessel registration.



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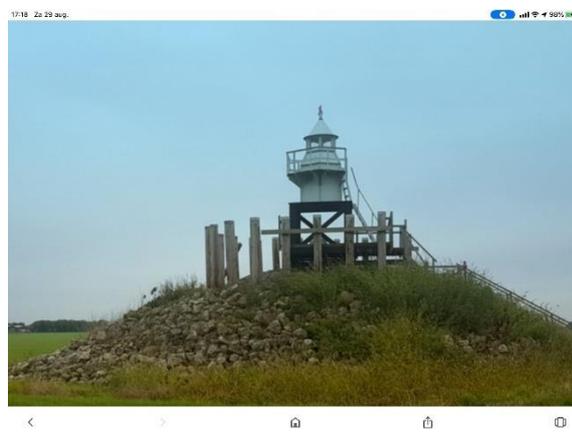
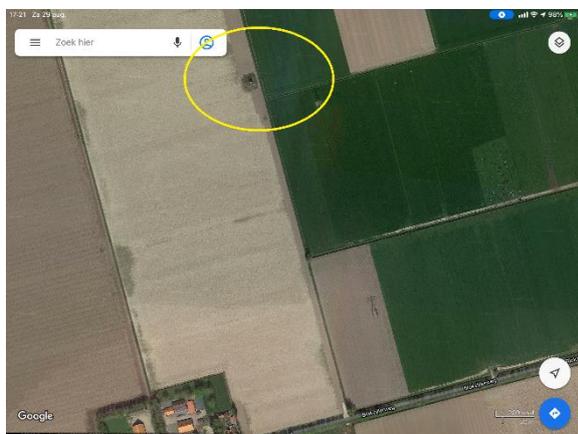
NET-189 Havenhoofd Blokzijl (Blokzijl pier head)

Town	Marknesse
Location	In fields east of Marknesse
Position Lat (dms)	52°42'44" N
Position Long (dms)	5°55'45" E
QTH-locator	JO22XR
Year built	2008 replica
Material	Steel
Height construction (m)	Approx. 8 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1940

Additional information:

The town had a pier head with a light stretching far into sea at least since 1850. The original 1908 steel structure was deactivated in 1940 and disassembled in 1942. It most probably was a front low light. A replica of the 1908 light was built in 2008. Today the location is landlocked. The fishing fleet of Blokzijl can be recognized by BLO as vessel registration.

NET-189 is registered by the ARLHS in 2006 as *Blokzijl H*. There is no further information available, except that it is classified as “historic”. There is physical evidence left on location, although in the form of a (very precise) replica. It raises the question why this particular replica carry the “H” and other replica’s don’t.



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NET-202 Wieringen front low

Town	Wieringen De Haukes
Location	De Haukes harbour
Position Lat (dms)	52°53'13" N
Position Long (dms)	5°55'57" E
QTH-locator	JO22LV
Year built	1832
Material	Wood
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1930

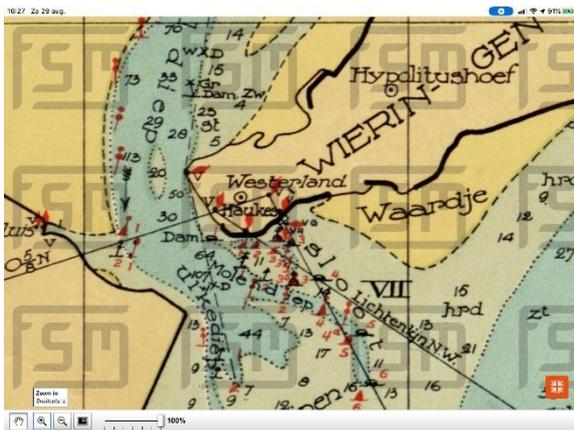
Additional information:

No physical evidence of the particular light on the location (locally also known as Westerland or Westeinde). The wooden 1832 structure was replaced by an iron cast in 1884, disassembled in 1930.

The front low light worked in combination with a rear high light some 400 m land inward. The wooden 1832 structure of the rear high light was replaced by an iron cast in 1885, that in turn was relocated in 1930 to Den Oever as [NET-006](#).

There was a second front light, more to the west, that worked in combination with the very same rear high. It becomes even more complicated. This second light worked in combination with another light in the south. There were in total four lights and tree light lines. To be complete, we mention the fifth sector light at the utmost west tip of the island.

The harbour of [De Haukes](#) is still there, including modern harbour-lights. The fishing fleet of Wieringen (Wieringerwaard) can be recognized by WR (WRW) as vessel registration.



Last updated: 2020

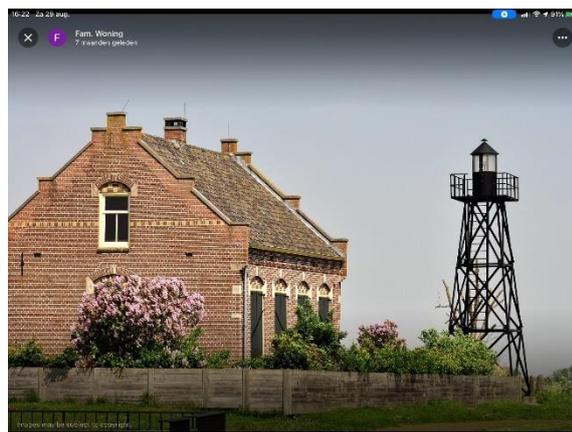
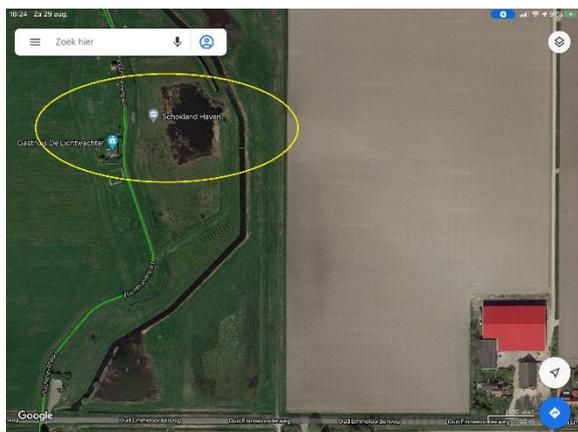
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NET-205 Lichtstand Old-Emmeloord (Old-Emmeloord rear high)

Town	Schokland
Location	Schokland northern end
Position Lat (dms)	52°39'22" N
Position Long (dms)	5°46'46" E
QTH-locator	JO22VP
Year built	2007 replica
Material	Steel
Height construction (m)	Approx. 10 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1940

Additional information:

The original 1908 skeleton steel structure was deactivated and disassembled in 1940. A replica of the 1908 light was built in 2007, including the two harbour lights on poles. The old fog horn building (1921) is still there.



Last updated: August 2020

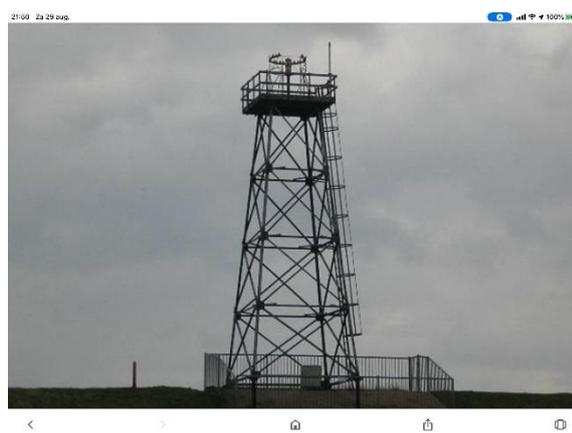
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NET-206 Zeughoek

Town	Kreileroord
Location	Kreileroord dike
Position Lat (dms)	52°50'44" N
Position Long (dms)	5°06'49" E
QTH-locator	JO22NU
Year built	1969
Material	Steel
Height construction (m)	14 m
Height light (m)	16 m
Range light (mi)	9-10 nm
Characteristic	Deactivated 2009

Additional information:

The 1918 skeleton structure from Den Oever harbour (Wieringen Oosteinde) is relocated in 1930 to the current location. The 1918 skeleton structure is replaced in 1969 by a new structure of the same model, but with modern a modern light and without protective lantern house. Some websites call the replacement therefore a replica. Deactivation of the (general guide) light took place together with De Ven ([NET-003](#)) and Den Oever (1885 tower [NET-006](#)) in the year 2009.



Last updated: August 2020

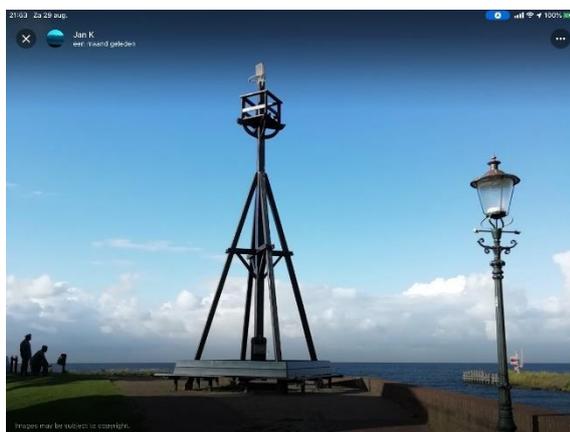
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NET-207 Havenlicht Medemblik (Harbour-light Medemblik)

Town	Medemblik
Location	Medemblik east harbour
Position Lat (dms)	52°46'25" N
Position Long (dms)	5°06'45" E
QTH-locator	JO22NS
Year built	2005
Material	Wood
Height construction (m)	14 m
Height light (m)	16 m
Range light (mi)	8 nm
Characteristic	Oc.W5s

Additional information:

Town has a light since 1641. Some websites call the current wooden quadruped a replica, but it is actually a free design by the architect. The town has a pair of harbour-lights for a long time as well. The fishing fleet of Medemblik can be recognized by ME as vessel registration.



Last updated: August 2020

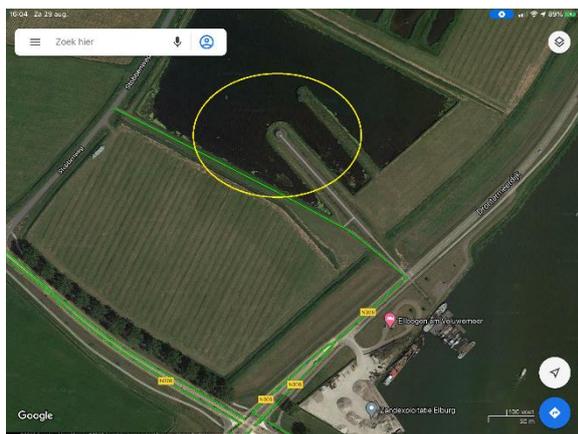
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NET-AAA Elburg front low

Town	Elburg
Location	In the fields north-west of Elburg
Position Lat (dms)	52°27'40" N
Position Long (dms)	5°48'52" E
QTH-locator	JO22VL
Year built	2008 replica
Material	steel
Height construction (m)	Approx. 10 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated in 1950s

Additional information:

The 1853 front low light on the nearly 2 km long pier head (locally known as Kop van 't Ende) worked in conjunction with a the rear light ([NET-181](#)). Today the structure is landlocked. In 1988 the pier and light was reconstructed, but fell in decay. Today's reconstruction dates from 2008 and is a real replica of the 1900's steel structure.



Last updated: August 2020

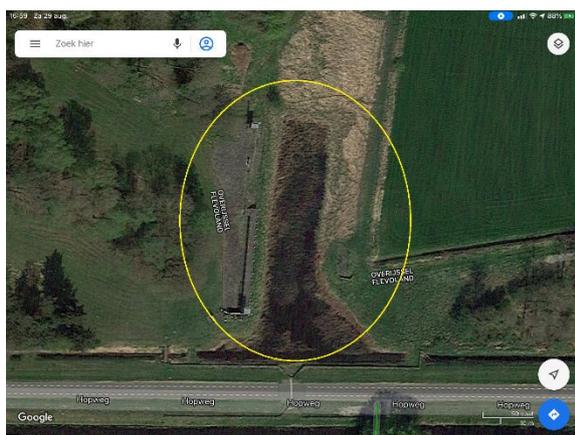
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NET-AAB Kuinre

Town	Kuinre
Location	In the fields west of Kuinre
Position Lat (dms)	52°47'04" N
Position Long (dms)	5°49'07" E
QTH-locator	JO22VS
Year built	2016 replica
Material	Wood
Height construction (m)	Approx. 6 m
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated ±1940

Additional information:

The town had three lights at least since 1908. The front western harbour light on the pier head worked in conjunction with a rear light some 50 m back. The wooden structures are unique in its kind and nowhere else to be seen. Light range unknown. A light on a pole marked the eastern pier head at least since 1852. A reconstruction of the harbour entrance including the replicas of the three lights was built in 1990 and last restored in 2016. Today the location is landlocked. The former fishing fleet of Kuinre can be recognized by KU as vessel registration.



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NET-AAC Hindeloopen*

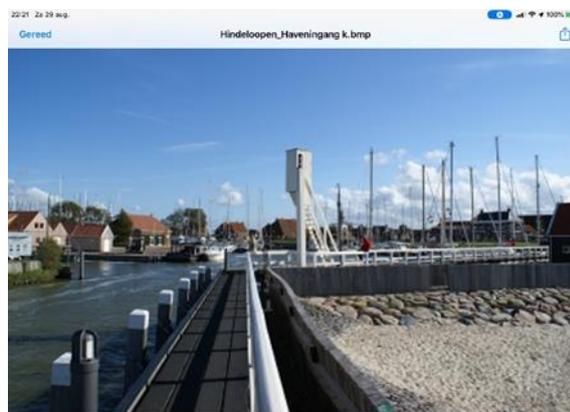
Town	Hindeloopen
Location	Hindeloopen old harbour west side
Position Lat (dms)	52°56'42"N
Position Long (dms)	5°24'08" E
QTH-locator	JO22QW
Year built	±1900*
Material	Wood
Height construction (m)	Approx. 6 m
Height light (m)	Approx. 8 m
Range light (mi)	8 nm
Characteristic	Oc.W3s

*Note August 2020: Characteristic needs more research for an application.

Additional information:

Town has a light since unknown date, but at least since 1620. There is little information about the current structure. The structure has a unique shape, not to be seen elsewhere. It's unlikely this is the same wood structure from 1900. The harbour has red and green harbour-lights as well.

In 2006 the complete harbour is restored and the pier head (including the light) was lowered. On some recent nautical maps the characteristic has been changed to Oc.W3S on 9 m, range 5 nm and on other maps the white light is fixed. National monument since 1970 (nr. 22196). The fishing fleet of Hindeloopen can be recognized by HI as vessel registration.



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NET-AAD Eemmonding (Estuary river Eem)

Town	Eemnes
Location	Eemnes marina 't Raboes
Position Lat (dms)	52°15'54"N
Position Long (dms)	5°19'35" E
QTH-locator	JO22PG
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The location (locally known as 't Raboes) has a light at least since 1854. Nowadays the estuary is outfitted with lights on the pier head (red and green) and, to mark the approach line, an additional front low (approx. 5 m) and rear high (approx. 12 m) light (Oc.W5s) on steel poles on the eastern bank. Eemnes further downstream had a fishing community. The former fishing fleet can be recognized by ES as vessel registration.



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NET-AAE Makkum lights

Town	Makkum
Location	Makkum harbour entrance
Position Lat (dms)	52°03'18"N
Position Long (dms)	4°24'03" E
QTH-locator	JO23QB
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

There is little information on Makkum, except that the town had a fishing fleet and a long, narrow and straight harbour entry with sand banks left and right. The narrow entrance is still visible today. It makes sense that this town had visible aids for navigation in the past.

Today a approx. 4 m wooden pole with a light marks the low front at the waterfront. The light works in combination with a rear high lantern mounted atop a building further back in town (locally also known as De Waag, 1698). Light range unknown, but the approach line works in combination with red and green non-illuminated buoys.



Last updated: August 2020

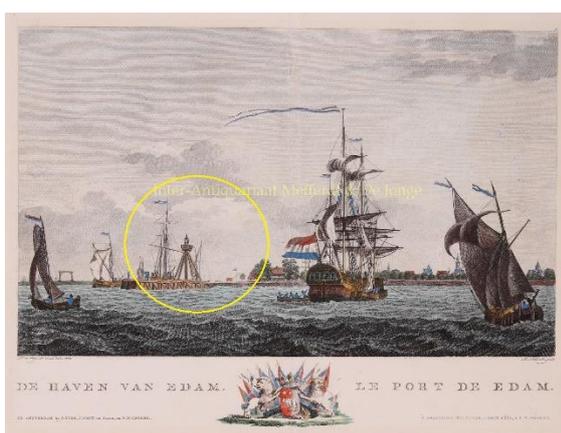
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NET-AAF Edam lights

Town	Edam
Location	Edam pier head
Position Lat (dms)	52°31'08" N
Position Long (dms)	5°04'33" E
QTH-locator	JO22MM
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The town has a harbour light since unknown date, but a 1780's painting shows an approx. 10 m wooden quadruped structure on the pier head. Today's harbour entrance has two normal lights, red and green, in combination with a rear high white light for indication how to approach.



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NET-AAG Vollenhove

Town	Vollenhoven
Location	Vollenhoven old harbour south side
Position Lat (dms)	52°40'56" N
Position Long (dms)	5°56'44" E
QTH-locator	JO22XQ
Year built	-
Material	Wood
Height construction (m)	Approx. 6 m
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The town had a harbour lights since a unknown date, but at least two wooden tripods since the 1920s (red and white). Today the harbour has no longer any harbour-lights. A symbolic wooden tripod (without light) marks the original south head of the old harbour entrance. The former fishing fleet of Vollenhove can be recognized by VN as vessel registration.



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NET-AAH IJsselmonding (Estuary river Yssel)

Town	Kampen
Location	North-West of Kampen
Position Lat (dms)	52°34'59" N
Position Long (dms)	5°46'40" E
QTH-locator	JO22VN
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The location (locally known as Ketel Diep or Ketelmeer) consists of a shipping lane protected by two long breakwater dams with a length of more than 3 km. The dams go back to 1826, including a light on the southern pier head.

From around 1900 two (white) lights were added at the northern bank at the landside of the dams (known as Keteleiland). In the 1930s the pier heads are outfitted with red and green lights. Apart from some minor changes, this is the situation up until today.

The former fishing fleet of Kampen and IJsselmuiden, that had to pass the lights, can be recognized by KP and IJS as vessel registration.



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NET-AAI Nijkerk

Town	Nijkerk
Location	Nijkerk locks
Position Lat (dms)	52°15'33" N
Position Long (dms)	5°27'51" E
QTH-locator	JO22RG
Year built	-
Material	-
Height construction (m)	
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The entrance towards the locks (locally known as Arkervaartsluis) for a passage into Nijkerk has at least one light since 1850 and two lights from 1870 or so. The two lights were first placed on one, then on both pier heads. From the 1970s the environment of the entrance gradually changed, but up until today the pier heads are still there with only a very slight modification (broader entrance). And with modern lights of course. The former fishing fleet of Nijkerk can be recognized by NK as vessel registration.



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NET-AAJ Bunschoten-Spakenburg

Town	Bunschoten-Spakenburg
Location	Old harbour western pier
Position Lat (dms)	52°15'33" N
Position Long (dms)	5°22'55" E
QTH-locator	JO22QG
Year built	-
Material	-
Height construction (m)	
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The location has a light on the western pier head at least since 1870. In the 1930s a second rear high light was added on the landside of the pier. The environment has been changed dramatically since then and the high rear (on a 14 m mast?) disappeared at the end of the 1980s. The pier heads have modern lights today and have only changed very slightly in order to accommodate for a broader entrance.

The fishing fleet of Bunschoten-Spakenburg can be recognized by BU as vessel registration.



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NET-AAK Huizen

Town	Huizen
Location	Huizen old harbour
Position Lat (dms)	52°19'01" N
Position Long (dms)	5°14'55" E
QTH-locator	JO22OH
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The town has a light on the western pier head at least since 1850. First it was a wooden quadroped with a light at approximately 5 m, later a slim skeleton mast with the light at about 14 m. From the end of the 1980s both pier heads are outfitted with red and green lights. The environment has been changed dramatically since then. The western pier head has been moved considerably around the year 2000 in order to double the fairway of the harbour entrance. Apart from that, todays modern the lights are roughly on the same location.

The fishing fleet of Huizen can be recognized by HZ as vessel registration.



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NET-AAL Muiden*

Town	Muiden
Location	Muiden harbour
Position Lat (dms)	52°20'31" N
Position Long (dms)	5°04'06" E
QTH-locator	JO22MI
Year built	-
Material	-
Height construction (m)	
Height light (m)	-
Range light (mi)	-
Characteristic	-

*Note August 2020: Approach lights needs more research for an ARLH-application.

Additional information:

The town has a light on the western pier head at least since 1885. This light location has not been changed since then. At the end of the 1980s both pier heads are outfitted with lights, red and green. Nowadays a line of lights mark the approach: rear high at 13 m and a front low at 8 m. Light range 8 nm.

The former fishing fleet of Muiden can be recognized by MU as vessel registration.



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NET-AAM Monnickendam*

Town	Monnickendam
Location	Monnickendam old harbour
Position Lat (dms)	52°27'39" N
Position Long (dms)	5°02'17" E
QTH-locator	JO22ML
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

*Note August 2020: Needs more research for an ARLHS-application.

Additional information:

There is an indication that both the old city hall and old city tower had been used as a lighthouse in the 16th century. On maps the town has a harbour-light at the waterfront near the draw bridge at least since 1892.

Today modern harbour lights red and green are placed at the old pier heads. A red rear high is placed in town to mark an approach line in combination with another red light as a front low (on the bridge) and with non-illuminating buoys.

The fishing fleet of Monnickendam can be recognized by MO as vessel registration.

On maps from 1850 onwards another light is situated in the sea halfway between Katwoude and Marken Island, first on a dam, later the dam disappears while the light remains until the late 1950s. The spot is locally known as the Reiger.



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NET-AAN Broekerhaven

Town	Broekerhaven
Location	Bovenkaspel
Position Lat (dms)	52°41'08" N
Position Long (dms)	5°15'26" E
QTH-locator	JO22PQ
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The harbour is built halfway the 15th century. For transport to the hinterland the harbour is provided with a boat lift (1924) instead of locks. The harbour has a light on the west pier head at least since 1850. That light location still exists today.

Nowadays the site has modern red and green harbour-lights and a third on the bridge situated more inland.

The former fishing fleet of Bovenkaspel can be recognized by BC registration.



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NET-AAO Kolhorn H*

Town	Kolhorn
Location	East of steam pumping station, at new locks
Position Lat (dms)	52°47'28" N
Position Long (dms)	5°54'52" E
QTH-locator	JO22KS
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

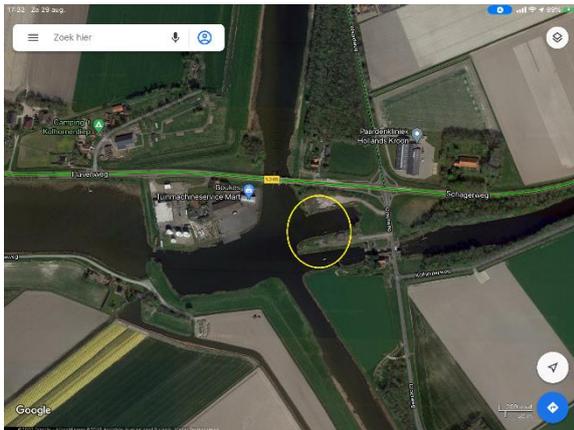
*Note August 2020: Needs more research for an ARLH-application.

Additional information:

The location (locally known as Scheepshok) had a harbour for transhipment and fishery and probably two harbour-lights in line on the northern pier head at least since 1880.

The historic harbour town Kolhorn shifted land inwards as a result of land reclamation of Wieringerwaard (1610), de Waard- en Groetpolder (1844) and finally Wieringermeer (1930). Since 1930 the harbour with the lights is no longer there. No new lights, no physical evidence of the old lights and no replica or memorial eighter. A solid "H" for "historic site".

The former fishing fleet of Kolhorn can be recognized by KH as vessel registration.



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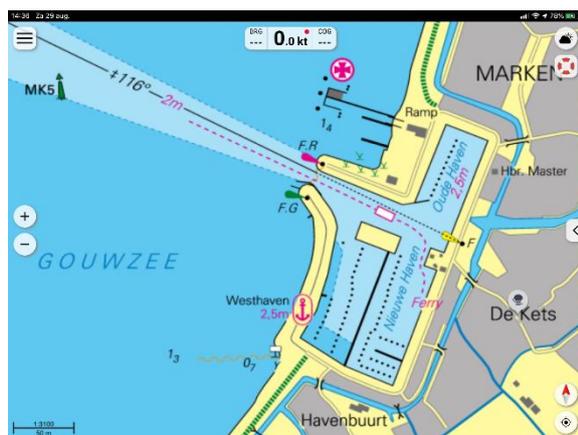
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NET-AAP Marken harbour

Town	Marken harbour
Location	Marken harbour
Position Lat (dms)	52°27'30" N
Position Long (dms)	5°05'57" E
QTH-locator	JO22NL
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

Marken Island (today peninsula) has [NET-017](#) Paard van Marken, but in the past the town had a fishing community too. At least since 1910 the harbour has a light on the southern pier head. At first just a less than 2 m wooden pole with an almost domestic looking lantern. By 1960, both pier heads have lights, red and green. The location of the lights on these pier heads have never changed. At the end of the 1990s a third white light was added at the waterfront as an approach assistant. The former fishing fleet of Marken can be recognized by MK as vessel registration.



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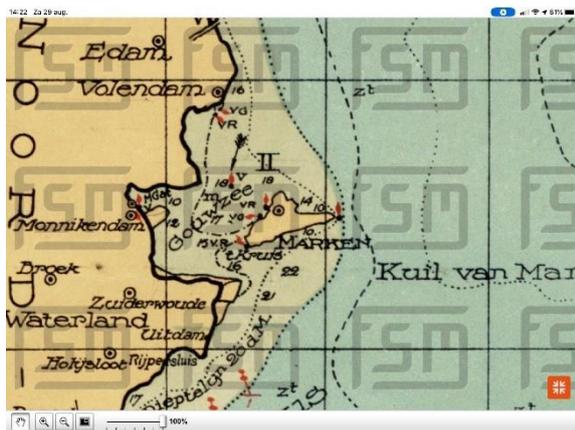
NET-AAQ Marken Het Kruis (Marken The Cross)*

Town	Marken
Location	Marken Island southern tip
Position Lat (dms)	52°26'55" N
Position Long (dms)	5°05'40" E
QTH-locator	JO22NK
Year built	-
Material	-
Height construction (m)	
Height light (m)	-
Range light (mi)	-
Characteristic	-

*Note August 2020: Needs more research for an ARLH-application.

Additional information:

At least one nautical map from around the year 1930 shows a light at the most southern tip (locally known as Het Kruis). Today this is the location where the only outgoing road (with the appropriate road name of Kruisbaak) leaves the peninsula.



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NET-AAR Urk Harbour

Town	Urk
Location	Urk harbour
Position Lat (dms)	52°39'23" N
Position Long (dms)	5°35'52" E
QTH-locator	JO22TP
Year built	-
Material	-
Height construction (m)	
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

Former Urk island has [NET-026](#), but the town has a fishing community too. At least since 1911 the harbour has lights on the two pier heads. By 1955 the harbour is substantial extended, so are the pier heads and thus the harbour-lights, although one more than the other. For the new harbour entrance a third light is needed. The three lights work together for approach. Today the most front pierhead has a replica of the old light. The former fishing fleet of Urk can be recognized by UK as vessel registration.



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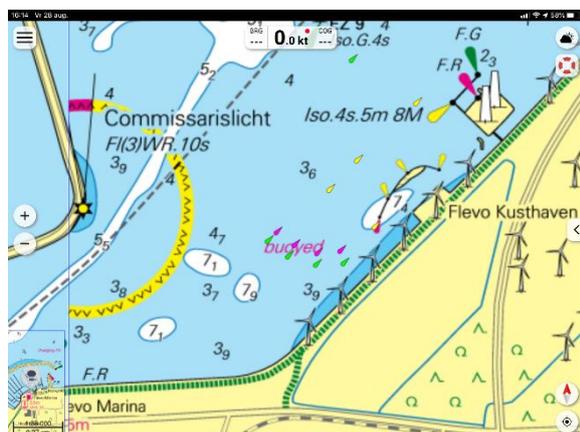
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NET-AAS Lelystad Commissarislicht (Lelystad Commissioner-light)

Town	Lelystad
Location	Dike Lelystad-Enkhuizen
Position Lat (dms)	52°39'23" N
Position Long (dms)	5°35'52" E
QTH-locator	JO22TP
Year built	1976
Material	Steel
Height construction (m)	Approx. 4 m
Height light (m)	Approx. 8 m
Range light (mi)	-
Characteristic	Fl.(3)WR10s

Additional information:

The flashing light marks (with white and red) a curve in the dike between Lelystad to Enkhuizen (locally known as Houtribdijk). The dike was intended for land reclamation of the Markermeer, but that project was cancelled.



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NET-AAT Lelystad power plant

Town	Lelystad
Location	Dike North-East of Lelystad
Position Lat (dms)	52°34'42" N
Position Long (dms)	5°31'27" E
QTH-locator	JO22SN
Year built	1968
Material	-
Height construction (m)	-
Height light (m)	5 m
Range light (mi)	8 nm
Characteristic	Iso.4s

Additional information:

The location has a power plant since 1968 (then known as Flevo-centrale). The working port and the three lights must stem from the same period in time. The huge structures are visible from kilometres away and always has been an extra aid to navigation. The plant is rebuilt in 2010 (and recalled Maxima-centrale).



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NET-AAU Wieringen De Haukes harbour

Town	Wieringen De Haukes
Location	De Haukes harbour
Position Lat (dms)	52°53'13" N
Position Long (dms)	5°55'57" E
QTH-locator	JO22LV
Year built	1832
Material	Wood
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	Deactivated 1930

Additional information:

Please see [NET-202](#) Wieringen front low. The harbour of De Haukes is outfitted with modern harbour-lights on the pier heads.

The fishing fleet of Wieringen (Wieringerwaard) can be recognized by WR (WRW) as vessel registration.



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NET-AAV Den Oever southern harbour

Town	Den Oever
Location	De Oever locks south side
Position Lat (dms)	52°55'29" N
Position Long (dms)	5°03'04" E
QTH-locator	JO22MW
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

Please see also [NET-006 Den Oever](#). The completion of the barrier dam (*Afsluitdijk*) in 1930 is a significant part of the recent Zuidersea history. The locks (Stevin-sluizen) at Den Oever assist the old western sea route (locally known as Marsdiep route).

The southern harbour is outfitted with three modern (long range) harbour-lights on the pier heads, red and green.



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NET-AAW Kornwerderzand

Town	Kornwerderzand
Location	Kornwerderzand locks south side
Position Lat (dms)	52°03'48" N
Position Long (dms)	5°20'25" E
QTH-locator	JO23QB
Year built	-
Material	-
Height construction (m)	-
Height light (m)	-
Range light (mi)	-
Characteristic	-

Additional information:

The completion of the barrier dam (*Afsluitdijk*) in 1930 is a significant part of the recent Zuydersea history. The locks at Kornwerderzand (Lorenz-sluizen) assist the old eastern sea route (locally known as De Vlie route). The locks are outfitted with lights red and green.



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Appendix 1: Major sites on the map



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