



Issue 173

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NKRS Newsletter

Our next meeting 18th February 2020 will be at .
The Hurst Community Centre, Room 15, Hurst Place, Bexley, Kent, DA5 3LH
 Doors open at 8PM

Date	Event
18 February 2020	Bring a thing night
3 March 2020	Natter Night
17 March 2020	Icom R8600 by Robin M0RJT
7 April 2020	Natter Night
21 April 2020	Andy from SDRPLAY more information to follow
5 May 2020	Natter Night
19 May 2020	John Knight, Flying
2 June 2020	Natter Night
16 June 2020	East Anglia military airfields by Ian G7PHD
7 July 2020	Natter Night
21 July 2020	Testing Batteries by Marion Osbourne

** signifies that this is not a normal club night

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The next meeting is a bring a thing night

We have successfully had a number of these in the past and we believe them to have been popular.

The idea is to bring along a “thing” and be prepared to do a (short) talk about it.

The “thing” can be anything but I think perhaps it would be best to exclude live animals. I am not sure that this would go well with the people we rent the property from and it would save my cat the trauma of being brought along in a box..

Below are some photographs of things brought to previous meetings.



Mysterious radio signals from outer space

Astronomers have revealed details of mysterious signals emanating from a distant galaxy, picked up by a telescope in Canada, the precise nature and origin of these bursts of radio waves is unknown.

These strange radio signals from space are baffling astronomers with their odd behaviour. Fast radio bursts (FRBs) are powerful blasts of radio waves that last just a few milliseconds. Some of these bursts have been seen to repeat, flickering on and off many times from the same point in space. They carry a huge amount of energy, but we don't know what causes them.

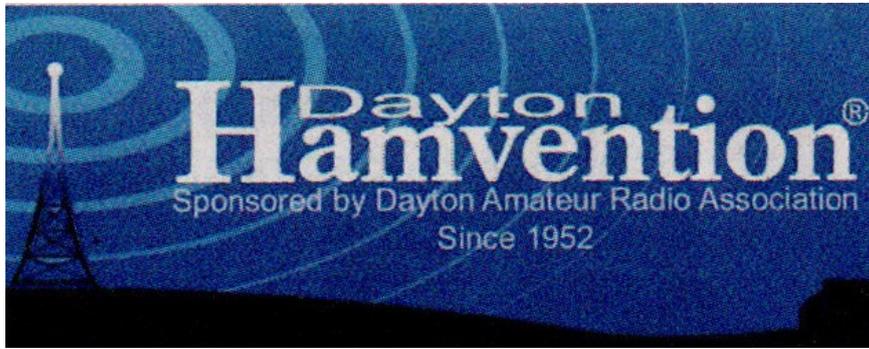
The CHIME observatory, located in British Columbia's Okanagan Valley, consists of four 100-metre-long, semi-cylindrical antennas, which scan the entire northern sky each day. Although only operational from last year the telescope has detected 13 of the radio bursts almost immediately, including the repeater.

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Whilst the precise cause of the blasts of radio waves is unknown, there are a number of theories about what could be causing them.

They include exploding stars, stars with strong magnetic fields, stars merging together and - among a minority of observers - some form of alien spaceship!





Dayton Hamvention® Announces New Rates, Fees and Theme for 2020

Dayton Hamvention 2020 takes place May 15 - 17 at The Greene County Fairgrounds and Expo Centre Xenia, Ohio.

United States of America

Hamvention General Chair Jack Gerbs, WB8SCT, announced In early December that general admission would rise by \$4 per ticket to \$26 in advance or \$31 at the gate. The cost of flea market spots will go up by \$5 per space, and inside exhibitors will pay \$30 more.

"Hamvention has always strived to produce a very high-quality event for amateur radio enthusiasts from around the globe," Gerbs said. He cited "eco-nomic pressures" as the reason for the price increases.

This years theme will be "Amateur Radio, the Future".

Hamvention General Chairman, said the "theme is focused on technology, past, present and future."

Gerbs went on to say "As amateur radio operators, we enjoy many modes of operating, CW, AM, SSB, FM, Digital, etc. We also enjoy challenges such as satellite communications, moon bounce, meteor scatter and more,"

"What truly excites me about our hobby is, the diversity of these modes and the fact that as we move to the future, we still enjoy the technologies of the past, from tubes, to transistors, to chips, and now microprocessors, ASICS and SOCs," he said. "Come celebrate with us as we celebrate our past, present and future."

For more information see

<https://hamvention.org/>



This photograph is not from Dayton but from a radio event in Florida

Tromsø

We arrived in Tromsø at around 3PM and the temperature was -5C (the warmest it got while we were there). Hopefully the runway was de-iced but the walk from the aircraft into the terminal building was just a sheet of ice, as were many other places we would walk during our stay.

Tromsø is a municipality in Troms og Finnmark county, Norway. The administrative centre of the municipality is the city of Tromsø.

Tromsø is the 9th most populous metropolis in Norway with a population of 71,590 (2014), and covers the largest urban area in Northern Norway and the third largest north of the Arctic Circle anywhere in the world (following Murmansk and Norilsk).

Most of Tromsø, including the city centre, is located on the island of Tromsøya, 350 kilometres (217 mi) north of the Arctic Circle. In 2017, the city of Tromsø had a population of about 65,000 people spread out over Tromsøya and parts of Kvaløya and the mainland. Tromsøya is connected to the mainland by the Tromsø Bridge and the Tromsøysund Tunnel, and to the island of Kvaløya by the Sandnessund Bridge.

The city centre of Tromsø contains the highest number of old wooden houses in Northern Norway, the oldest house dating from 1789 and is fairly small and (apart from the ice) can be walked around easily but when you leave town it takes a while to leave the built up areas behind. I get the impression that is a series of ribbon developments around the roads out of town.

The Arctic Cathedral, a modern church built in 1965 is situated on the mainland, facing Tromsø Sound and city centre. It is not really a cathedral but that is what everyone calls it.

Verdensteatret Kino (World Theatre Cinema) opened in June 4, 1916 with 349 seats. The Tromsø International Film Festival is held here and it claims to be the world's oldest cinema in use.

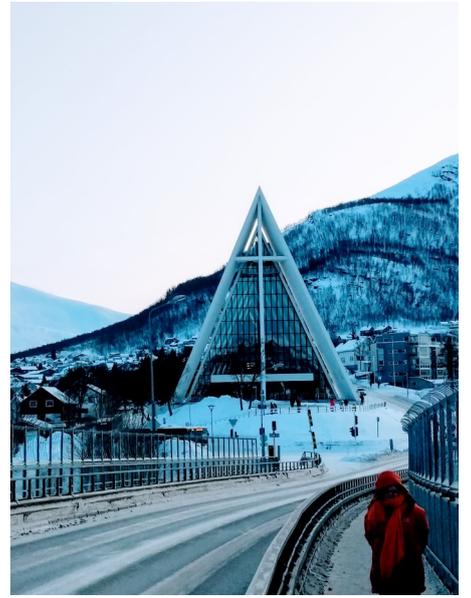
There is a place near the town centre where you can sit outdoors around a fire, drink beer and eat Reindeer sausages.

Oslo is also home to some excellent (although rather expensive) bars and restaurants.

Some photographs follow.



Tromsø town looking towards Tromsø Sound you can see the Arctic Cathedral across the other side of the sound



The Arctic Cathedral



Oslo town centre around 4PM
temperature -7°C



World's northernmost Lutheran
cathedral built in 1861 & un-
usually constructed using chiefly
wood.



Tromsø Bridge over Tromsø
sound looking towards the
cathedral



Verdensteatret Kino (World
Theatre Cinema)



Eating Reindeer sausage
around the fire at -5°C



Flying into Tromsø

MP calls for Red Arrows to leave Lincolnshire.

Three new homes have been mentioned including RAF Waddington

An MP has appeared in the House of Commons to insist Cambridgeshire should be the new home of the Red Arrows. The display team have been identified with Lincolnshire for more than 30 years, and they are currently based at RAF Scampton. However, their current home is set to be closed down by 2022 and that has created major doubts over whether the famous team will remain in the county.



A spokesperson for Visit Lincoln said: "A decision to relocate them outside the county should not be taken lightly by the MOD, and every effort should be made to show the county's passion and pride to keep them." Lincolnshire's aviation heritage attracts people from all over the world



Does anyone have any ideas as to what this is?

It is located on the Thames Path between Twickenham Bridge and Richmond railway bridge.

Coordinates 51.4606306,-0.3131889

Any ideas please email me.



Left a poster I recently saw in Brick Lane

That's all for this newsletter hopefully see you at the meeting.

Dave