

Norwegian 3,5 GHz Auction - November 2004

Results of the Norwegian 3,5 GHz Auction:

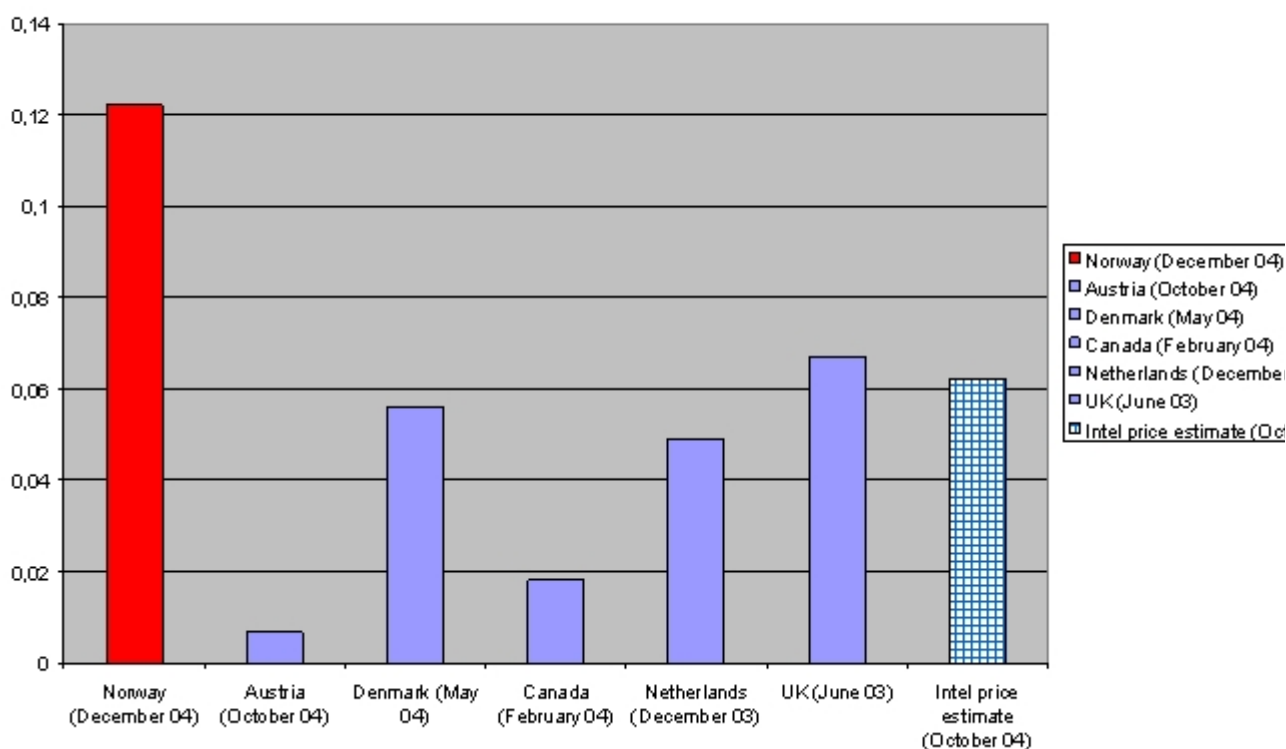
The 3.5 GHz auction has concluded after 87 rounds over 8 days and the results are presented in the table below:

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Price NOK
UPC	6	6	6	6	6		10.940.80
Telenor	6	6	6	6	6	6	13.535.80
Catch	3	2	2	3	3	3	4.862.80
NextGenTel	8	8	5	6	10	10	13.075.10
Netpower	2	3					1.969.50
Hardanger			6				4.182.40
Nera				4		5	1.274.50
BaneTele						1	52.50

A map of the results of the auction by region, bidders and prices, is given [here](#).

Total revenue raised in the auction was NOK 49 893 400, which is higher than the revenue raised in the most recent 3.5 GHz auctions. Thirteen bidder's participated in the auction. All lots in all regions were sold.

NOK/MHz/pops



(Please note that comparisons of spectrum prices across different countries are generally unreliable, as they do not reflect differences in usage conditions, roll-out requirements and annual administrative costs.)

The performance of the online auction has been satisfying and concluded without any incidents or problems. Norwegian Post and Telecommunications Authority are pleased with the successful outcome.

The licenses allocated by the auction are technology neutral and may be transferred. NPT consider it likely that the frequencies will be used for access and fixed links including WiMax systems.

Auction progress (aggregate prices for each of the rounds 1-87):

The [statistics page](#) show the evolution for the aggregated price for all 150 lots.

Documents:

- [Auction rules](#)
- [Frequency blocks](#) and [reserve prices](#)
- [Map indicating regions](#)
- [Draft license](#)
- [Information previously published](#)
- [Questions and Answers](#)

Brief description of the procedure

The auction will be run electronically over the public internet. Bidders will not need any specialist hardware or software. However, it is recommended that bidders use:

- Windows 2000 or XP with Internet Explorer, version 6 and latest service patches; and
- A reliable internet connection (at least 512kbit/s, although it is possible to use a dial-up connection).

Authorised representatives of bidders will receive digital certificates and passwords to allow them to participate in the auction. The auction will start late morning or early afternoon Monday 22 November 2004. The user interface will be simple: information on bidding will be presented to the bidder via this interface and bidding will be done simply by ticking check-boxes. All lots will be open for bidding throughout the whole auction. The auction will proceed in a sequence of discrete rounds, with bidders making decisions simultaneously within a fixed time window. At the end of each round, standing highest bidders will be determined and the results of the round communicated to bidders before the next round begins. Rounds will continue in this way until there is no further activity on any lots.

The auction will be open for bidding during office hours (typically from 8 or 9 a.m. to 16 p.m. Norwegian time, Monday to Friday). Bidders will be given plenty of time in the first round(s). A round will normally last between 15 minutes and 2 hours, diminishing as the bidders become familiar with the bidding procedure. The auctioneer will allow for lunch breaks, possibly by extending the mid-day round.

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