



# Cyfrowy Polsat IR Newsletter

13 – 18 November 2018



N E T I A

**Parkiet**

**13 November 2018**

## **A 5G auction next year?**

*by ZIU*

The Office of Electronic Communications and the Ministry of Digitization have the intention of rearranging the spectrum which could be used in the future by the 5G network. The changes will affect not only the fragmented 3.4-3.6 GHz band but also the 3.6-3.8 GHz band in which spectrum reservations are held by Cyfrowy Polsat (via Netia), Play Communications and T-Mobile Polska. The Ministry of Digitization assures that the state will be looking for an optimum solution which will minimize the loss for the current spectrum reservation holders. One of such solutions could be finding a bandwidth which could correspond to the currently held resources in the biggest degree possible.

The wide spectrum blocks which will be created (following the rearrangement) are to be offered in a tender or an auction. In parallel with the process of rearranging the bandwidth, which will take place till the end of 2019 at the latest, a selection process will be developed which will cover at least the 3.6-3.8 GHz and the 26 GHz bands.

The Ministry of Digitization has also started working on the amendment of the so-called mega-law (the law facilitating roll-out of telecommunication infrastructure). It wants to design the 5G projects in such a way so that there is no overlapping/redundancy of the network infrastructure while operators are encouraged to share the infrastructure. The draft amended law is to be submitted for consultations at the end of November 2018.

**Rzeczpospolita**

**14 November 2018**

## **Play presented its strategy for the next four years**

*by Urszula Zielińska*

P4, the operator Play network, presented its strategy for the years 2019-2022. The telecom's main target is to maintain its no. 1 position on the mobile market and to move from no. 5 to no. 3 spot among ISP's.

Mobile technology will remain the core technology for Play's services, with support of Internet access offered via fiber-optic lines leased from other operators.

The company does not expect that the revenues will continue to grow at such a fast pace as they have done to-date but it expects to keep pace with the market leader. The assumptions will be presented, together with the forecast, in March 2019.

The telecom has high hopes of upselling further services, including pay TV, as well as of developing of its own network.

Money.pl  
15 November 2018

## Gigabit Internet access is the driving force behind the development of digital entertainment and television of the future

According to the report entitled “Future of entertainment in the age of AI, IoT, MEC and gigabit-connectivity,” which has been developed by infuture hatalska foresight institute in cooperation with UPC Polska, TV and entertainment will be evolving thanks to new technologies and the development of gigabit Internet access, while still remaining an important part of people’s lives and while offering new experience.

The report lists six areas which will be visibly affected by the development of gigabit Internet access, i.e. entertainment (immersive world – e.g. game playing and moving into very realistic online world), human inter(net)action (e.g. meeting others remotely), digital well-being (.e.g. enjoying relaxing on-line meditation sessions before falling asleep), learning (unlimited knowledge – e.g. learning anatomy by means of virtual visualization of organs), tourism (digital journey – e.g. seeing Paris from the Eiffel Tower while using VR at home), as well as culture (connected culture – e.g. watching concerts in 360-degree perspective).

Rpkom.pl  
15 November 2018

## European Parliament adopts EECC together with prices limits for services in the EU

*by Urszula Zielińska*

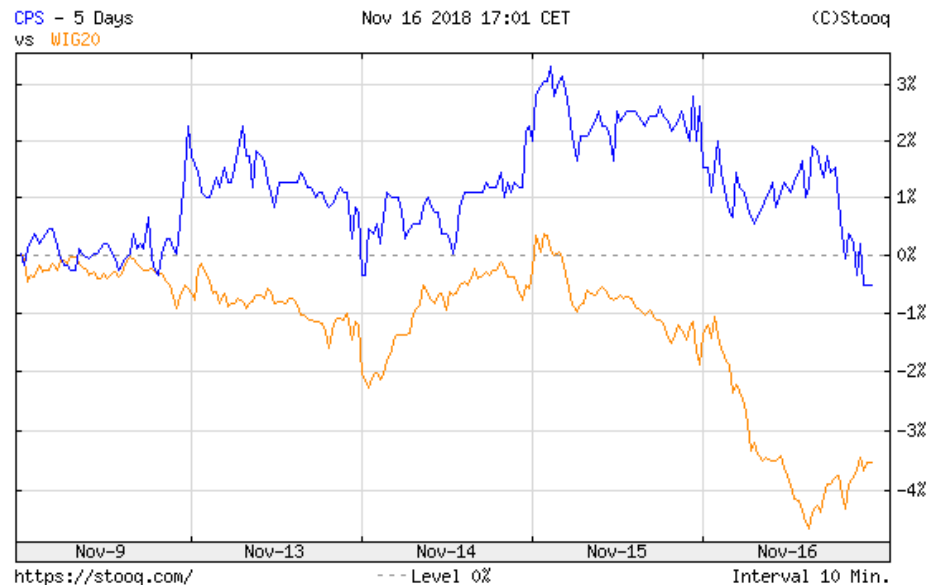
On Wednesday the European Parliament adopted the changes related to, among others, reduction of the prices, on the territory of the European Union, of connections other than roaming connections. The new regulations set a cap of 19 eurocents per-minute for voice calls and 6 eurocents per text message in European Union countries. The regulations shall take effect from 15 May 2019.

The European Electronic Communications Code also addresses the issue of 5G network development. EU countries will be obligated to provide access to the radio spectrum for this technology in such a way so as to enable launching the 5G technology in at least one major city in each EU state by 2020.

# Cyfrowy Polsat shares



Data	Maximum price (PLN)	Minium price (PLN)	Closing price (PLN)	Change (%)	Turnover (mPLN)
2018-11-12	-	-	-	-	-
2018-11-13	22.72	22.26	22.38	- 1.50	10.19
2018-11-14	22.72	22.14	22.72	1.52	7.81
2018-11-15	22.98	22.56	22.80	0.35	7.92
2018-11-16	22.80	22.06	22.10	- 3.07	7.54



# Investor's calendar



12 – 13 November 2018	Goldman Sachs Tenth Annual CEEMEA One-on-One Conference, London
27 – 28 November 2018	UBS, Global Emerging Markets One-on-One Conference, New York
4 – 5 December 2018	WOOD's Winter Wonderland – EME Conference in Prague
1 – 3 April 2019	Raiffeisen Centrobank's Investor Conference, Zürs 2019

