

July 5 1985

General information on ABC Radio.

Abc broadcasts to approximately 120 000 people in the south east of Ireland, 24 hours a day.

The programme format consists of a mix of 8 contemporary pop records 3 oldies and 1 new album track per hour, in technical terms, a cross between CHR and AC material.

The weekday schedule is:

- 1 am - 4 am Russ Padmore, Niteshift.
- 4 am - 7 am Neil Butler, Sunrise 101
- 7 am -10 am Richard Staines, ABC Breakfast
- 10am - 1 pm Dave Hunt
- 1 pm - 4 pm Timmy Ryan
- 4 pm - 7 pm Tony Murrel, Drive
- 7 pm - 10pm Roddy Cleere, Music Zone
- 10pm - 1 am Jimmy Ryan, Late Nite Affair

News is broadcast on the hour between 7 am and 8 pm after that, it is every two hours.

On average about 8 minutes per hour during daytime consists of commercials, with about 2 minutes the average at night.

Technical equipment:Main on air studio

- 2 Technics SP10 mk2 record decks with SME series 3 arms
- 2 Shure SC35C Cartridges
- 1 Citronic SM607mixer
- 2 Spotmaster Stereo cartridge machines
- 2 Nikko cassette machines
- 1 Marantz Tuner
- 1 Leak amplifier
- 2 ITT studio monitors
- 1 Eela phone patch
- 2 AKG D202 microphones
- 1 pair Sennheiser headphones

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DUBLIN OFFICE : DON HARRIS, AIRTIME LIMITED. Tel.01-328126

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General information on ABC Radio. Continued

Production/ auxiliary studio
Fostex A-2 reel to reel tape recorder
spotmaster cartridge recorder
JVC cassette machine
Custom 6 channel mixer
Pioneer record decks (2)
AKG microphone
Koss headphones

Transmitters: On 1026 kHz AM ABC uses a Gates 8C 1G 1 kW transmitter, audio is processed using our own designed and built triband audio processor, model # AM110. The antenna is an 80' tall inverted L, quarter wavelength.

On 100.7 MHz FM, we use an ABC #FM200 audio processor with stereo enhancer, Nuova Elettronica Multiplex stereo coder, ELT elettronica synthesised exciter / driver, and custom built QQV06-40 amplifier to 80 Watts.

The antenna is a 10 dBd gain stacked system, giving an effective radiated power of 800 Watts.

History: ABC commenced broadcasting on March 2nd 1982 on 729 kHz AM with 150 Watts, Stereo FM on 101.3 MHz started three weeks later, making us one of the first stations outside Dublin to use proper Multiplex stereo. In May, a transmitter fire totally destroyed the AM transmitter, and a 40 Watt standby was used until August '92 when we bought a Gates 1 kW transmitter from the USA. Due to the impending opening of RTE 1 Cork on 729 kHz, the new transmitter was operated on 1008 kHz for about a month, when interference at night from Hilversum in Holland caused us to move to 1026. Also at about this time, the 40 W 729 kHz transmitter was turned off. In May 83, we replaced the original FM exciter with the ELT synthesised P11 exciter, resulting in improved audio quality and rock solid stability of frequency. It allows us to preset our transmit frequency anywhere between 88 - 108 MHz in 10 kHz steps.

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ABC Radio general information. continued <3>

History.....:

at this time, we broadcast on 101.1, as with this frequency, swithching most radios from FM to AM you dont have to move the dial to continue receiving ABC.

In December 1984, ABC moved its operation from Tramore to Waterford City, as 95% of its customers were from Waterford, it seemed sensible to operate from there. The AM transmitter was left out in Tramore, however, as it is impractical to operate such power efficiently in a city centre.

In March 85, we were forced to move FM frequency to 100.7 MHz, due to a new station in Wexford opening up on 101.1 MHz, and consequently causing us interference.

Due to the current talk of legislation most plans for expansion have been suspended, until the situation becomes clear.

If / when legislation comes through, ABC radio will be closing down when required to do so, but hopes to stay active in any way possible in conjunction with any new licenced local radio in the Waterford area.

ABC has always strived to provide a professional radio service to complement other services, both local and national, and hopes that, in years to come, it will be remembered for having entertained and informed the people of Waterford and surrounding areas.

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