

Search for X06

The X06 Team is constantly trying to log and understand the transmissions broadly known as X06 or Mazielka. The purpose of this message, to all UDXF members is to ask for a more intense focus on this series of signals. It is hoped that the following descriptions will help members identify as X06 those signals which previously have been ignored or misunderstood.

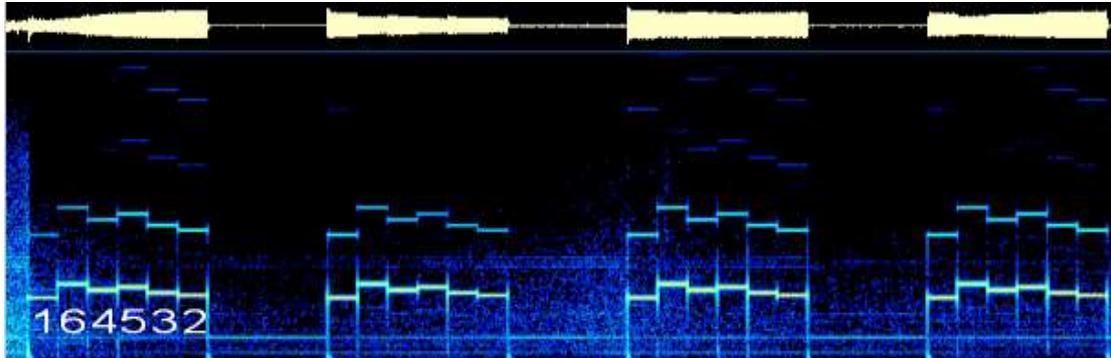
Outline

X06 has been in evidence since the sixties and originally appeared to act as a pre-cursor or alarm to RTTY and Crowd36 transmissions. This came in the form of a six tone sequence as follows:

Tone	Frequency
1	840hz (Lowest)
2	870hz
3	900hz
4	930hz
5	970hz
6	1015hz (Highest)

There are 720 different tone combinations
(1x2x3x4x5x6)

The following sequence shows as 164532



Each tone sounds for 0.3 sec with a pause of 1.3 seconds between sets and this sequence usually lasts between 2 and 6 minutes.

The above shows a sample of a pure X06, however there are other combinations.

X06a

Alternating two tones e.g. 161616 each tone lasting approximately 0.3 seconds repeated after 1.3 seconds a whole transmission has been known to last up to 4-5 hours.

X06b

A group of less than 6 tones, where at least 1 tone is longer than the others, separated by a pause, such as 12-456 or 1--6---. Each longer tone lasting approximately 1.0 second separated with a pause of 1.3seconds.

X06c

6 tone rising scale e.g. 123456

X06 transmissions are usually found transmitting on single upper side band with a full carrier, but it have been seen transmitting on DSB/AM on occasion as well as in single upper side band without a carrier.

Schedules

The frustrating element of X06 is the fact that there appears to be no regular schedules other than the day/week number such as:

1st Monday of the month ...1st Tuesday of the month ...1st Wednesday of the month5th Friday of the month ...5th Saturday of the month etc.

In some instances, time slots can be found which are repeated in successive months.

Frequencies

Reference to the X06 database, to be found on the UDXF and N&O websites lists those frequencies currently in use.

<http://udxf.nl/Master-X06.xls>

<http://www.numbersoddities.nl/Master-X06.xls>

Purpose (With thanks to Ary Boender)

What is the purpose of X06? That might have changed. In the past it was definitely used as wake-up call for diplo/intel transmissions. The fact that X06b is linked to E07, XPA and M12 might indicate that this is still the case.

The crowd transmissions appeared on the old RTTY/ M42 nets and the readable parts indicated that they were related to the old RTTY stations. Although these nets were always linked to diplo traffic, they were also used by the intel community. Note the digital (RTTY/Crowd/etc.) transmissions are only sent to embassies, consulates, etc. Embassy personnel does not only include diplomats but also intelligence personnel and military attaches who also receive messages through the same channels.

X06b is linked to the "7" family, which makes me believe that X06 is only used in combination with an intel transmission and is/was not used for diplo transmissions. That means that X06 is operated by the agency that runs the "7" network. This explains why X06 did not always appear before all RTTY/Crowd transmissions. It only appeared before an intel transmission. I assume that this is still the case but we may not always notice it, as transmissions can be in any mode these days, and they are not necessarily on the same frequency.

We see that F06 is quite active and it is using some of the old id's from the RTTY days, and the headers and messages are similar to that traffic, yet we don't see any X06 activity. Probably because F06 belongs to the "6" family (E06, S06, G06, etc.) and not to the "7" family.

Application

Logs have been made of X06b sounding on frequencies scheduled for XPA, E07 and M12 up to 1 hour before the main transmission and may also be linked to other families.

Summary

One of the main reasons for this exercise is to learn more about the purpose of X06 and its practical application.

We hope this commentary has helped to explain the current understanding of X06/Mazielka and will encourage UDXF members to identify X06 and contribute to a wider knowledge of these transmissions. In the event of a "catch" it would be appreciated if the following data could be logged and posted to UDXF with the subject Mazielka.

Date	Frequency	First heard UTC	Last heard UTC	Tones	Related to	Reporter	Comments
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Please do not hesitate to contact the X06 Team if you have any queries.

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