

**PROGIRA®**

Release notes PROGIRA® plan 6.0.1

7<sup>th</sup> December 2016

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## 1 General/Introduction

The following document presents updates in PROGIRA® plan version 6.0.1. Changes as well as new features and bug fixes are presented. If you should need further information regarding any of the modifications, please contact [support@progira.com](mailto:support@progira.com).

PROGIRA® plan version 6.0.1 is an upgrade with mainly changes and bug fixes. Examples of new features are:

- Support for ArcGIS 10.5
- PROGIRA® plan Clipboard

## 2 Base Module

### 2.1 General

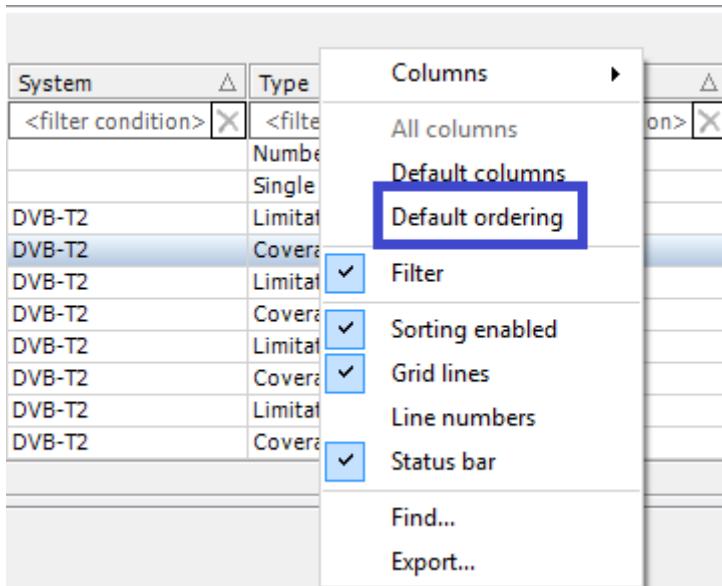
**NEW:** Support for ESRI ArcGIS 10.5.

**NEW:** The order of the columns can be changed in all PROGIRA® plan tables.

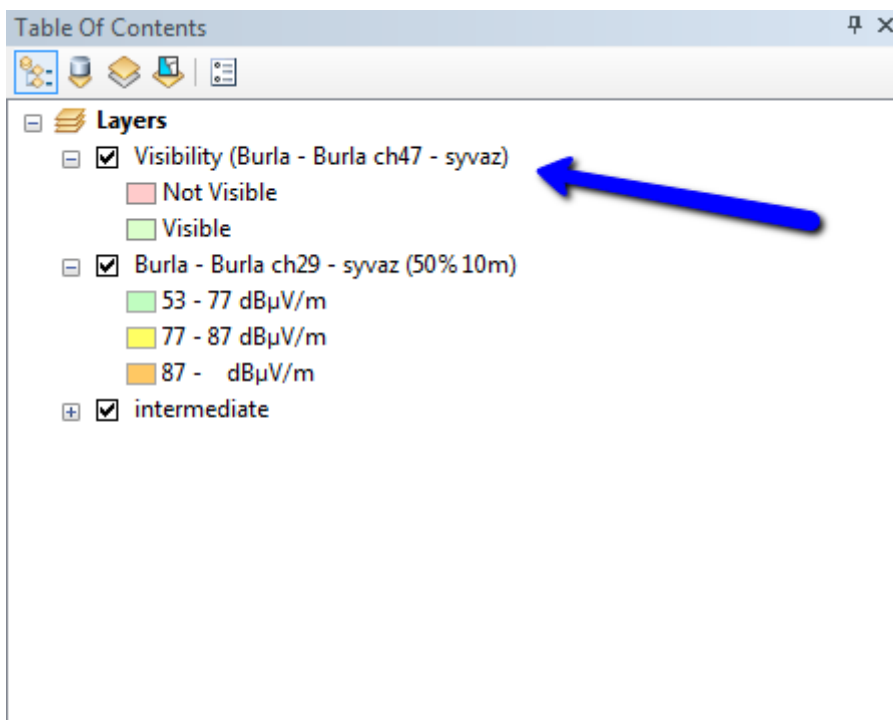
The screenshot shows the 'PROGIRA® plan Data Overview' window. At the top, there are navigation icons and a 'Project:' dropdown menu. Below that is a toolbar with icons for selection and zooming. The main area is a table with the following columns: 'Created', 'Sum', 'System', 'Type', and 'Project'. The 'Type' column header is highlighted with a blue box, and a blue arrow points to it from the right. The table contains several rows of data, including entries for 'Burla ch29', 'Burla ch47', 'ns (Number of servers, 53)', 'SFN ch29', 'SFN ch47', and 'ss (Single server, 53)'. At the bottom of the window, there are tabs for 'Site', 'Tx', 'Tx Selection', 'Fs Setup', 'Fs', 'Sum Setup', 'Sum', and 'Allotment'.

Created	Sum	System	Type	Project
<filter condition>	<filter condition>	<filter condition>	<filter condition>	<filter condition>
2016-11-09 14:03:46	Burla ch29 (DVB-T2 Fixed, Coverage probability)	DVB-T2	Coverage probability	rtrn
2016-11-09 14:03:51	Burla ch29 (DVB-T2 Fixed, Limitations)	DVB-T2	Limitations	rtrn
2016-11-09 14:04:05	Burla ch47 (DVB-T2 Fixed, Coverage probability)	DVB-T2	Coverage probability	rtrn
2016-11-09 14:04:09	Burla ch47 (DVB-T2 Fixed, Limitations)	DVB-T2	Limitations	rtrn
2016-11-10 13:42:22	ns (Number of servers, 53)		Number of servers	rtrn
2016-11-09 14:02:23	SFN ch29 (DVB-T2 Fixed, Coverage probability)	DVB-T2	Coverage probability	rtrn
2016-11-09 14:02:28	SFN ch29 (DVB-T2 Fixed, Limitations)	DVB-T2	Limitations	rtrn
2016-11-09 14:02:58	SFN ch47 (DVB-T2 Fixed, Coverage probability)	DVB-T2	Coverage probability	rtrn
2016-11-09 14:03:04	SFN ch47 (DVB-T2 Fixed, Limitations)	DVB-T2	Limitations	rtrn
2016-11-10 13:35:29	ss (Single server, 53)		Single server	rtrn

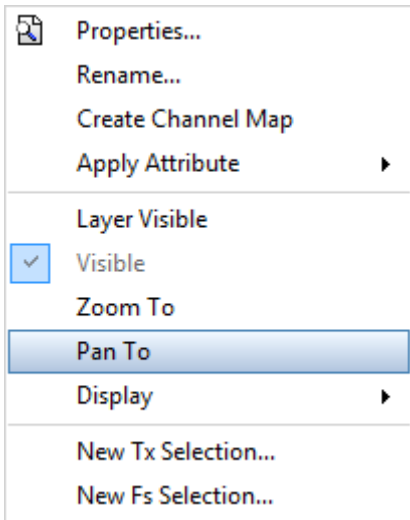
The order can be restored to default by right clicking on the table column titles.



**CHANGED:** “Terrain analysis – Visibility...” function. The result layer is now added at the top of the Table Of Contents (TOC) instead of after the last found feature layer.

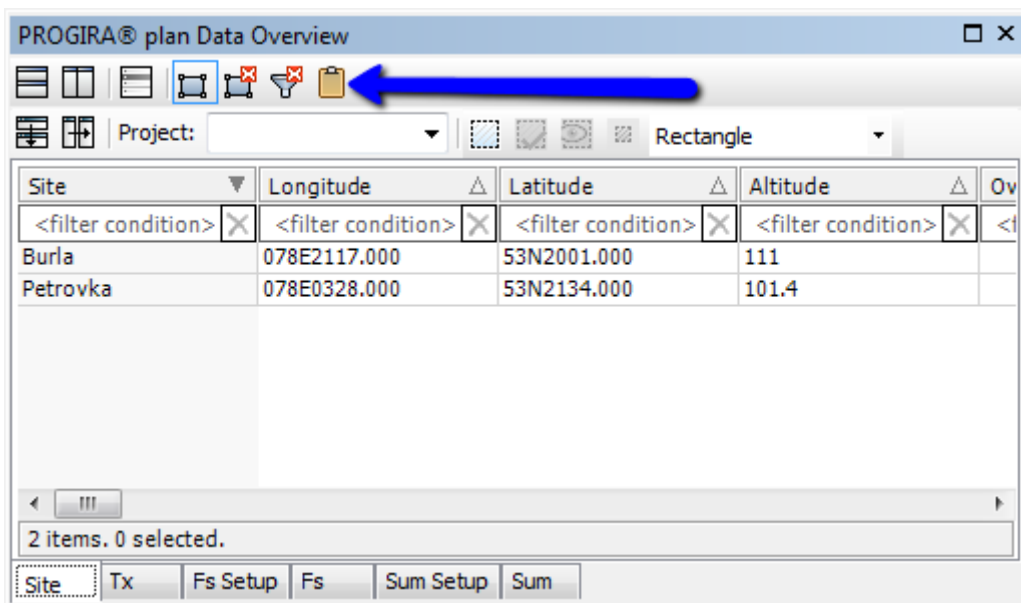


**FIXED:** In some user cases the Map function “Pan To” was disabled.



## 2.2 Data overview

**NEW:** PROGIRA® plan Clipboard is added to Data overview. This makes it possible to copy objects, for example antenna diagrams from one transmitter to another. Just drag and drop!



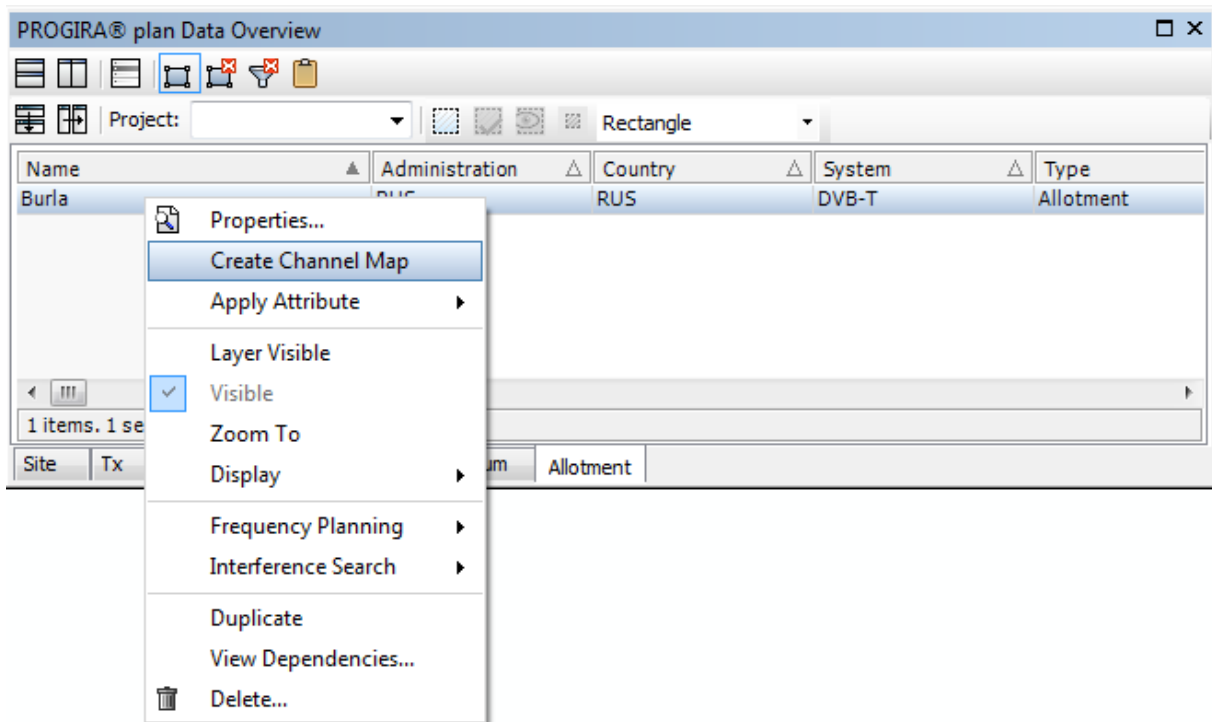
## 2.3 Antenna File Viewer

**NEW:** BBC antenna diagrams can be presented and applied to a transmitter. BBC antenna diagram has default extension “.bbc”.

**FIXED:** PROGIRA® plan could not import EDX antenna files if the antenna type information was undefined in the file header.

## 2.4 Allotments

**FIXED:** A channel map can now be created from project allotments.

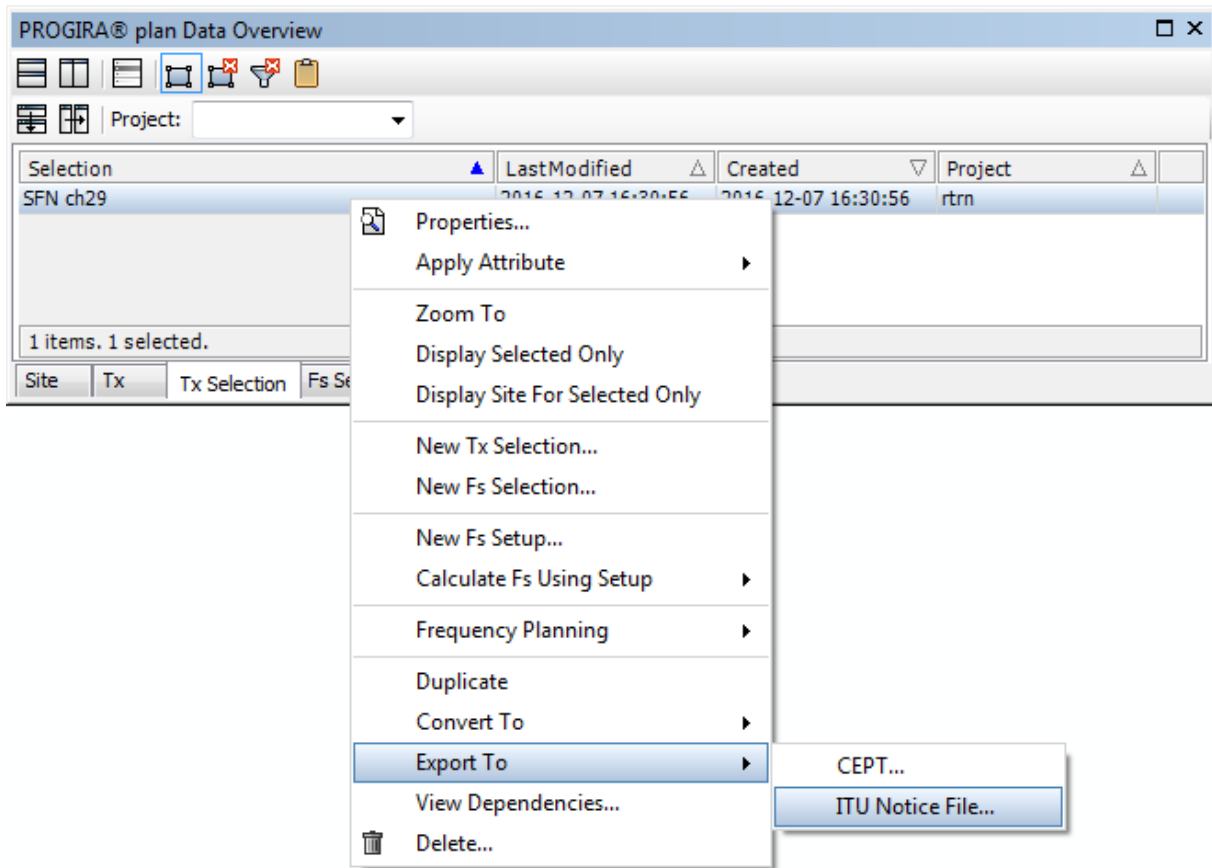


## 2.5 Interference search

**FIXED:** “Interference Search – Interfered...”. When identifying which transmitters, allotments or SFNs that could be interfered in some rare cases the search area became too small.

## 2.6 Export

**FIXED:** Export to an ITU notice file can now be initiated from a Transmitter Selection.



## 3 Network planning module

### 3.1 Fs Sum

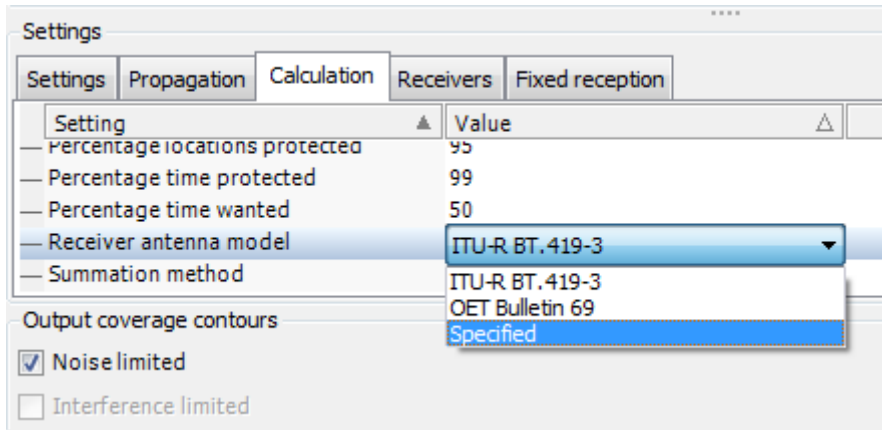
**FIXED:** “Fs Sum – System Independent...”. The Max field strength, Best/Second/Third/Single server and Log-normal sum sometimes crashed due to internal ArcGIS naming conflict.

**FIXED:** “Fs Sum – T-DAB...”. In some cases, the Antenna gain value was not updated in the Receiver tab.

## 4 Frequency planning module

### 4.1 General

**NEW:** The “Specified” receiver antenna model has been added in Coverage contour and Frequency scan function.



## 4.2 Terrain based coverage contour

**FIXED:** An exception was sometimes raised in the Terrain based coverage contour function when receiver antenna model was set to Specified (formerly Explicit).

## 5 Network verification module

### 5.1 Sample raster

**FIXED:** Sample raster – Multi point”. If the input files contains custom data and column title names, the title names are now written to the output file.