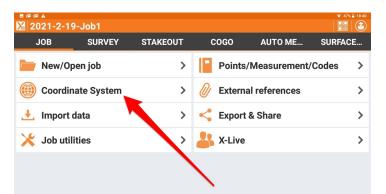
### **Changing Coordinate System in XPAD**

Notebook:	Quicksheets		
Created:	21/02/2021 13:48	Updated:	21/02/2021 14:22
Author:	Service Hitechniques		
Tags:	Coordinate System, Xpad, Xpad Ultimate		

### **Changing Coordinate System in XPAD**

Created: 20210221\_DL



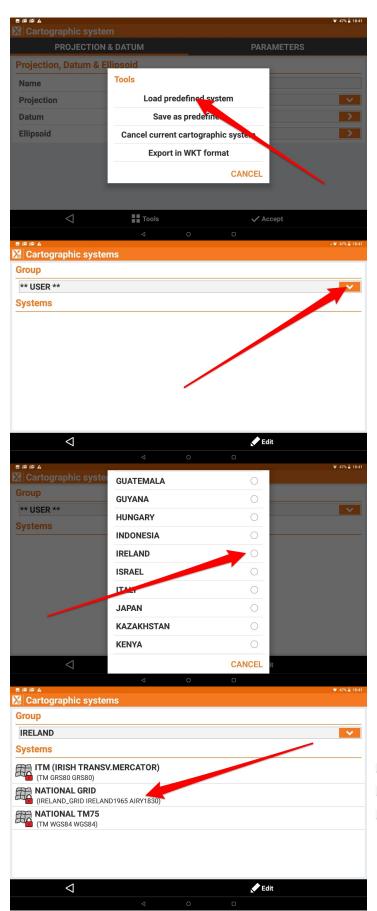
Start XPAD > Open requested job or create a new one > Tap on Coordinate System

XPAD allows to change coordinate system of points measured with GNSS rover even after finishing the job. Just change coordinate system and your points will be recalculated automatically in the new system.

NOTE: Before starting any operations on existing data always backup your job by creating copy of your existing job: tap and hold on requested job and then choose "Save as"

CAE	GNSS	Settings	Quit
	⊿ pordinate System	0 🗆	
	Cartographic system ITM (IRISH TRANSV.MERCATOR) (TM GRS80 GRS80)		>
₩	GNSS Localization Cartographic system Geoid OSGM15_MALIN		>
	Base pos. adjustment LL: S 0°00'00.0000" W 0°00'00.0000" H: 0.000m		>
	Ground to grid scale factor NO Sea level reduction NO Reduction to cartographic plane		× ,

$\triangleleft$				Tools	
5 @ @ A	⊲	0	٥		t 🐨 47% 🔒 18:4
Cartographic sys	tem				
PROJECTI	ON & DATUM			PARAMETERS	
Projection, Datum &	& Ellipsoid				
Name	ITM (IRISH	TRANSV	MERCATO	PR)	
Projection	Trans.Mer	cator		/	~
Datum	GRS80				>
Ellipsoid	GRS80				>
$\bigtriangledown$	Tools			✓ Accept	



Find Ireland on the list

ITM - current coordinate system in Ireland and Northern Ireland since 2001 National Grid - Former coordinate system for Republic of Ireland

National TM75 - Former coordinate system for Northern Ireland based on WGS84

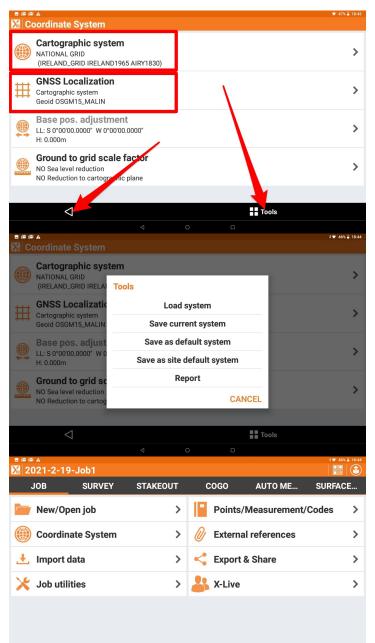
Cartographic system		
PROJECTION & DAT	JM	PARAMETERS
Projection, Datum & Ellipsoi	d	
Name	NATIONAL GRID	
Projection	Ireland Grid	<b>~</b>
Datum	IRELAND1965	>
Ellipsoid	AIRY1830	>
Δ	<b>₩ Tools</b>	✓ Accept
■@@A		
Coordinate System Cartographic system NATIONAL GRID (IRELAND_GRID IRELAND1965	AIRY1830)	>
GNSS Localization Cartographic system Geoid OSGM15_MALIN		>
Base pos. adjustment LL: S 0°00'00.0000" W 0°00'00.00 H: 0.000m	D00"	>
Ground to grid scale fa NO Sea level reduction NO Reduction to cartographic p		× ,

If you wish to work on different Geoid choose GNSS Localisation

$\triangleleft$			Тоо	s
	⊲	0		
<ul> <li>Coordinate System</li> </ul>				t 🐨 47% 🗎 18:43
System type				
□ No system				
Local - Single point				Details
Local - Site calibration				Details
Reference axis < not defined >				Details
Cartographic system NATIONAL GRID (IRELAND_GRID I	RELAND196	5 AIRY1830)		Details
Q				$\triangleright$
<ul> <li>Coordinate System</li> </ul>	⊲	0		\$ 🐨 47% 🔒 18:43
Vertical system				
UWGS84 ellipsoid height				
Reference ellipsoid height				
Geoid OSGM15_BELFAST				
Geoid OSGM15_MALIN				
Geoid RISOGM02				
Elevation offset				
Offset				0.000m
$\triangleleft$			🗸 Acc	ept
	$\triangleleft$	0		

# For Republic of Ireland use Geoid OSGM15\_Malin

## For Northern Ireland use Geoid OSGM15\_Belfast



Settings

l Quit

CAD

GNSS

Confirm settings for Cartographic System and GNSS Localisation. Use Tools for saving the system as default one or use arrow back to return to the main menu to continue your job with the newly set up system

If you wish to save the system as default choose one of the options from the list: Save as default system for all the future projects Save as site default system for all the future projects within site

#### NOTE:

We do not recommend using Save current system (saving on the tablet drive) as this option does not recalculate coordinates automatically

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