



**Legend**

- point of detailed network XH with identifier
- point of detailed network H
- building with function and number of floors (functions: m-residential, g-utility, f-other)
- wind turbine
- well
- lighthouse
- meteorological tower
- pole, flagpole
- monument
- spot elevation (in meters)
- UTM grid
- contours (elevations in meters)
- unreinforced scarp
- rocks, heap of stones
- culvert (symbol and outline)
- water reservoir
- river and stream with direction of current
- low water line with date and time of registration
- high water line with date and time of registration

- special armature - petrol tank
- petrol pipeline
- electric power armature
- low-voltage electric power transmission line
- local sewer armature
- pipeline and chamber of local sewer system
- local telecommunication line
- local water-supply pipeline
- mass carpet formation
- stairs
- ramp
- outdoor terrace
- concrete surface
- concrete pavement

Reference frame: ITRF2008 (epoch 2015.2)  
 Reference ellipsoid: GRS80  
 Projection: Universal Transverse Mercator (zone 21, central meridian 57° W)  
 Height reference frame: mean sea level of the Admiralty Bay from the 1998-1999 period  
 Contour interval: 0,5 m (more than 5 m above sea level interval is 1,0 m)  
 Measurement methods: direct measurement (Real Time Kinematic GNSS technique, tacheometry)  
 Measurement date: 13-31 March 2015

**Henryk Arctowski Antarctic Station**

1:500

1cm - 5m



Sponsored by  
 Institute of Biochemistry and Biophysics  
 Polish Academy of Sciences

Edited and printed by  
 Faculty of Geodesy and Cartography  
 Warsaw University of Technology

Authors: Mariusz Pasik, Maria Elżbieta Kowalska, Stawomir Łapiński, Marcin Rajner  
 Warsaw 2015