GLIDE number: FF-2014-40059-BIH Activation ID: EMSR-087 Legend Product N.: 04ORASJE, v1 Hydrology **General Information** Exposure within the detail AOI on Bosnian territory **ORASJE - BOSNIA AND HERZEGOVINA** inhabitants 12375 Estimated population Area of Interest Canal Flood - 13/05/2014 Settlements 382.2 Residential Reference Map - Detail 02 km 8.3 Primary Transportation Administrative boundaries Lake Secondary 3.6 Production date: 23/05/2014 km -ı- — - International Boundary Reservoir Local Road 86.7 km ---- Region Bridge **Cartographic Information** No. River Municipality 1:15000 Full color ISO A1, medium resolution (200 dpi) **Transportation** Settlements 0.25 Bridge Populated Place Map Coordinate System: WGS 1984 UTM Zone 34N **Point of Interest** Primary Road Graticule: WGS 84 geographical coordinates ★ Religious Secondary Road Local Road Settlements Residential 315000 319500 321000 Area of Interest - Detail 02 CROATIA **BOSNIA AND** HERZEGOVINA 18°44'0"E **321000** 18°40'0"E 313500 315000 316500 318000 319500 **Map Information Map Production** Dissemination/Publication L Civil Protection No restrictions on the publication of the mapping apply.

Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapefile and KML formats). On 13 May 2014, heavy rainfalls and widespread flooding hit large parts of Bosnia and Herzegovina. The present map shows basic topographic features such as transportation, hydrology and settlements in the area of Orasje (BOSNIA AND HERZEGOVINA). These basic topographic features are derived Response Heavy rainfall continued to affect large parts, in particular the region of Doboj and Zenica. The core Reference Map - Detail users of the maps are Disaster Response Authorities involved in operations. from public datasets, refined by means of visual interpretation of pre-event image SPOT6 © Airbus Defence and Space 2014 (acquired on 18/08/2013 10:24 UTC, GSD 1.5m, approx. 0% cloud Planning i SPOT6 © Airbus Defence and Space All satellite images have been radiometrically enhanced and orthocorrected with RPC approach (using SRTM elevation data). Flood 27 13/05/2014 Framework **Data Sources** The estimated geometric accuracy of this product is 35 m CE90 or better, from native positional The products elaborated in the framework of current mapping in rush mode activation are realized to accuracy of the background satellite image. Inset maps based on: Administrative boundaries (JRC 2013, GISCO 2010, © EuroGeographics), The estimated thematic accuracy of this product is 85% or better, as it is based on visual interpretation of recognizable items on very high resolution optical imagery. Shadowed areas are zones of lower interpretation accuracy due to the poorer image radiometry. Only the area enclosed by the Area of the best of our ability, within a very short time frame during a crisis, optimising the available data and Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EU-JRC 2007), Settlements information. All geographic information has limitations due to scale, resolution, date and interpretation (Geonames, 2013). of the original data sources. The products are compliant with GIO-EMS RUSH Product Portfolio SPOT6 © Airbus Defence and Space 2014 (acquired on 18/08/2013 10:24 UTC, GSD 1.5m, approx.

Map products available at http://emergency.copernicus.eu/mapping/list-of-components/EMSR087

Interest has been analyzed.

Map produced on 23/05/2014 by GAF AG under contract 257219 with the European Commission. All

products are © of the European Commission.

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Name of the release inspector (quality control): GAF AG (ODO).

specifications.

0% cloud coverage)

Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10:000, extracted on 20/05/2014), refined by GAF AG.
Source information is included in vector data.

Elevation data: SRTM (90m posting) or EU-DEM (25m posting). Height in meters above mean sea

Population data: Landscan 2010 © UT BATTELLE, LLC.</CLR>

All Data sources are complete and with no gaps.