Annex E.2.7 Public,

Corrected Version of ICC-01/15-4-AnxE.2.7

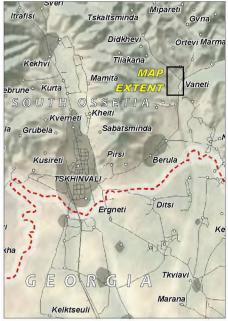
VILLAGE DAMAGE SUMMARY: VANETI, SOUTH OSSETIA, GEORGIA

Damage Assessment with WorldView-1 & Formosat-2 Satellite Imagery Recorded on 19 August 2008









Analysis Description

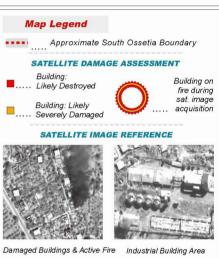
This map presents a satellite-based damage assessment for the affected village of Vaneti, South Ossetia, Georgia following the armed conflict between Georgian and Russian military forces, August 2008. Damaged buildings have been identified with WorldView-1 & Formosat-2 satellite imagery acquired on 19 August 2008. Pre-conflict Ouisklift imagery in Google Fathy was also used. QuickBird imagery in Google Earth was also used.

Affected buildings were classified either as destroyed or severely damaged by standard satellite image interpretation methods. Destroyed buildings have been defined either by the total collapse of the structure or when it was standing but with less than 50% of the roof still intact. Severely damaged buildings were defined as having visible structural damage to a portion of one wall, or where a section of the roof was damaged but with over 50% of the roof still intact.

Buildings not marked in the map were identified as having 'no visible damage'--this does not mean the buildings are undamaged, only that none were identified with the available satellite imagery. Satellite-based assessments can generally identify only a low percentage of buildings with limited damages.

The estimated total number of affected buildings for the selected village is approximately 42. Of this total 39 buildings have likely been destroyed and 3 buildings have likely been destroyed and 3 buildings have likely been severely damaged. An important preliminary finding of this satellite damage analysis is the observed heavy concentration of damages within clearly defined

Please note, this is an initial damage assessment and has not yet been independently validated on the ground. Please send any additions or corrections to UNOSAT.







River & Functional Bridge

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Map Scale for A3: 1:5,500

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Program (UNOSAT). UNOSAT provides satellite imagery & related geographic information to UN humanitarian & development agencies & their implementing partners.

.Pulkovo 1995



