Emergency Response Coordination Centre (ERCC) - DG ECHO Daily Map | 21/07/2017 Greece, Turkey - 6.6 Mw Earthquake/Tsunami **European Civil Protection** and Humanitarian Aid Operations SITUATION Bodrum (Turkey): Sea Level Measurements Çömlekei An earthquake of magnitude 6.6 M and 10 km depth occurred in the Aegean Sea near the 0.050 south-west of Turkey and north-east of Kos island (Greece) on 20 July at 22.31 UTC. The epicenter was located in the sea between Turkey and Kos island. Media reported, in Greece, two dead, seven injured at least 200 people temporarily MUGLA displaced, several historical buildings, the Kos' city harbor were damaged and marine traffic PROVINCE disruptions through Kos island. In Turkey, 70 people were slightly injured and several 20/07 12:00 20/07 18:00 21/07 00:00 21/07 06:00 21/07 12:00 building were damaged in Bodrum district. Time The earthquake triggered a Tsunami, Bodrum Kızılağa confirmed by sea level measured in Bodrum; inundation of low laying areas both in Turkey and Greece occurred. JRC calculations indicated a max, tsunami of approx, 0.4 m on 20 July at 22.50 UTC in Ortakent (near GREECE Bodrum). The Tsunami has been followed using the IOC/NEAMTWS rules for this type event: the Tsunami Watch Providers (NOA, KOERI, INGV) issued an Advisory Message for Greece and Turkey 10 min after the time of the event. The Alert was cancelled about 3h Chorio after the event. Kalimnos On 12 June a similar event occured near the Lesvos island (approx. 230 km from Kos) causing one fatality and damaged to the south part of the island (see map below). Source: GDACS, ARISTOTLE, NOA, USGS, enth: 10 km GSCP, IDSL Devices & Sea Level, Media 20 July 2017 22.31 UTC Ů. Recent seismic activity in the area after the M 6.3 earthquake near Lesvos Marmari KOS ISLAND Asfendiou (population 30 947) Pili Aegean Sea M 6.3 Mastichari AEGEAN M 6.6 SEA Manisa MANISA Antimachia Izmir TURKEY Earthquake magnitude Max. Wave Height Kardámaina • 4.0 - 6.0 M (JRC) GREECE Avdin < 0.01m 6.1 – 7.0 M 0.01 - 0.05 m Karaköy Reşadiye **Modified Mercalli Scale** 0.05 - 0.01m 0.01 - 0.15m Hizirşah Mugla VII (Very Strong) 0.15 - 0.2m MUGLA VI (Strong) 0.2 - 0.3m 0.3 - 0.4m V (Moderate) Tsunami Travel Time Mesudiye Evacuated --- 5 min --- 15 min Rhodes Injured 😷 Port Max Coastal Wave Height (JRC) RHODES -0.2 - 0.3 m Building damaged 10 -0.3 - 0.4 m