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**BULETINI SIZMOLOGJIK**

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## **H Y R J E**

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrimin kronologjik të aktivitetit sizmik të regjistruar, në territorin Shqipëtar dhe rreth tij, me anë të stacioneve të rrjetit sizmologjik shqipëtar, por edhe të rrjeteve fqinjë, periodiku përmban një analizë të gjithanëshme të parametrave të vlerësuar në drejtim të cilësisë së vlerësimit të tyre dhe statistikës së aktivitetit sizmik në vend. Përmbajtja e buletinit konsiston në terminologjinë përkatëse, në karakteristikat e stacioneve sizmologjik, të dhënat parametrike të vlerësuara nga analiza e çdo tërmeti, në analizën e cilësisë së vlerësimit të këtyre parametrave, në analizën e ngjarjeve të veçanta ( $M > 4.0$ ), nëse ka të tilla, si dhe në përpilimin e katalogut mujor dhe paraqitjen grafike në hartë, të epiqendrave të tërmeteve të lokalizuar. Në procesin e monitorim-regjistrimit dhe lokalizimit të ngjarjeve sizmike kontribuojnë drejtpërdrejtë punonjësit ndihmës-shkencor (laborant): Ing. Ardian Minarolli, Ing. Ervin Kasaj dhe Ing. Olgert Gjuzi (Inxhinier Gjeolog/ Monitorues në Qendrën Kombëtare të Sizmologjisë). Në kontrollin dhe analizën e cilësisë së vlerësimit të të dhënave, në analizën statistikore, analizën e ngjarjeve ( $M > 4.0$ ), katalogimin dhe paraqitjen grafike në hartë si dhe përpilimin e këtij buletini, kontribuojnë punonjësit kërkues sizmolog, Prof.Dr. Rrapo Ormeni dhe Dr. Edmond Dushi. Analiza e të dhënave kryhet me anë të programit Hypoinverse-2000 (Pakete rutinash në gjuhën Fortran), me autor Fred W Klein (2002) [Referenca: *Open File Report 02-171, v. 1.0, U. S. Geological Survey, 345 Middlefield Rd., MS#977, Menlo Park CA 94025; klein@usgs.gov*]. Ky program është baza llogaritëse e përdorur nga **Nanometrics** në programin interaktiv të përpunimit dhe lokalizimit të tërmeteve, në sistemin Libra 1, ATLAS (një ndërfaqe grafike në gjuhën Java). Të dhënat e përfutuara ruhen në formatet standart të Hypoinverse 2000, në skedarin hyp.prt dhe atë aktiv, që shërbejnë edhe si baza për përpilimin e këtij buletini dhe analizës së kryer.

### **Briefing:**

The seismological bulletin represents a reassume of the seismic events (earthquakes), occurred within Albania and surroundings for a period of one month. These events are permanently recorded, located and further processed by Albanian Seismological Network. This report, along with the chronologic ordering of events, contains a comprehensive analysis of the evaluated parameters as well as the quality of this process. It contains the description of output parameters, parametric data, statistical analysis and quality data analysis, catalogue and epicenter map. Contributing assistant staff are: Eng. Ardian Minarolli, Eng. Ervin Kasaj, Eng. Olgert Gjuzi (Geologists/Observers) and scientific staff: Prof.Dr. Rrapo Ormeni and Dr. Edmond Dushi (Seismologists). Program used for this analysis is Hyponverse 2000 (Klein, 2002; USGS), implicitly implemented in Atlas (Java Interface Nanometrics Firmware), part of Libra 1 VSAT system.

### **Stacionet Sizmikë (Seismic Stations)**

#### **A. Rrjeti Sizmologjik Shqipëtar (Albanian Seismological Network, ASN)**

Të dhënat për këtë rrjet janë dhënë në **Tab. 1**.

**3C** – sensor të shpejtësisë me tre komponente regjistrimi (3 – component velocimeters)

**BB** – sensor me reagim frekuencial me bandë të gjerë, në intervalin e frekuencave të fushës sizmike  $10^{-3} - 10^2$  Hz (Broadband sensors)

**RT** – regjistrim dhe tranmetim i të dhënave valore nga stacionet periferik në Qendrën Kombëtare të Monitorimit, në kohë reale (Real time communication)

**T<sub>0</sub>** – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i

frekuencave të larta (High-Pass). Ky parametër është karakteristik për një tip të dhënë sensori (Sensor Natural Period)

**Shënim:** të gjithë stacionet janë të regjistruar në regjistrin ndërkombëtar (WDC), ku identifikohen me kodin përkatës të përbërë nga 3-5 karaktere.

**Tab. 1** – Rrjeti Sizmologjik Shqipëtar (Albanian Seismological Network, ASN)

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
TIR	Po (Y)	41.3477	19.8650	198	3C-BB	STS-2	Libra VSAT (InterNaqs)	RT satellite	120
BCI	Po (Y)	42.3666	20.0675	500	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
PHP	Po (Y)	41.6847	20.4408	670	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SDA	Po (Y)	42.0519	19.4986	80	3C-SP	SM-4	GBV-316	Dial-up	0.2
LACI	Po (Y)	41.6363	19.7094	40	3C-SP	SM-4	GBV-316	Dial-up	0.2
TPE	Po (Y)	40.2952	20.0109	240	3C-SP	SM-4	GBV-316	Dial-up	0.2
LSK	Po (Y)	40.1500	20.6000	920	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
KBN	Po (Y)	40.6236	20.7874	800	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
VLO	Po (Y)	40.4686	19.4955	80	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SRN	Po (Y)	39.8800	20.0005	20	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
PUK	Po (Y)	42.0426	19.8926	900	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
KKS	Po (Y)	42.0756	20.4113	300	3C-SP	SM-4	GBV-316	Dial-up	0.2

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

**Tab. 2** – Rrjeti Sizmologjik Virtual - InterNaqs (INGV, AUTH)

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MRVN	Po (Y)	41.0609	16.1958	610	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
NOCI	Po (Y)	40.7888	17.0644	420	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SCTE	Po (Y)	40.0724	18.4675	150	3C-BB	Trillium 40T, 120S	Libra VSAT	RT satellite	40/120
SGRT	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LKD2	Po (Y)	38.7889	20.6578	485	3C-BB	CMG-3ESP/100	Trident	RT	40
THE	Po (Y)	40.6319	22.9628	124	3C-BB	Trillium 120	Taurus	GPRS	120
NEST	Po (Y)	40.4147	21.0489	1056	3C-BB	Trillium 120	Taurus	GPRS	120
FNA	Po (Y)	40.7818	21.3835	750	3C-BB	CMG-3EPS/100	Trident	RT	40
IGT	Po (Y)	39.5315	20.3299	270	3C-BB	CMG-3EPS/100	HRD24	RT	40

**C. Rrjeti Sizmologjik Ndhmës (Auxilliary Network Stations)**

**Tab. 3 – Rrjeti Sizmologjik Ndhmës (MSO, SKO, AUTH, NAO, INGV)**

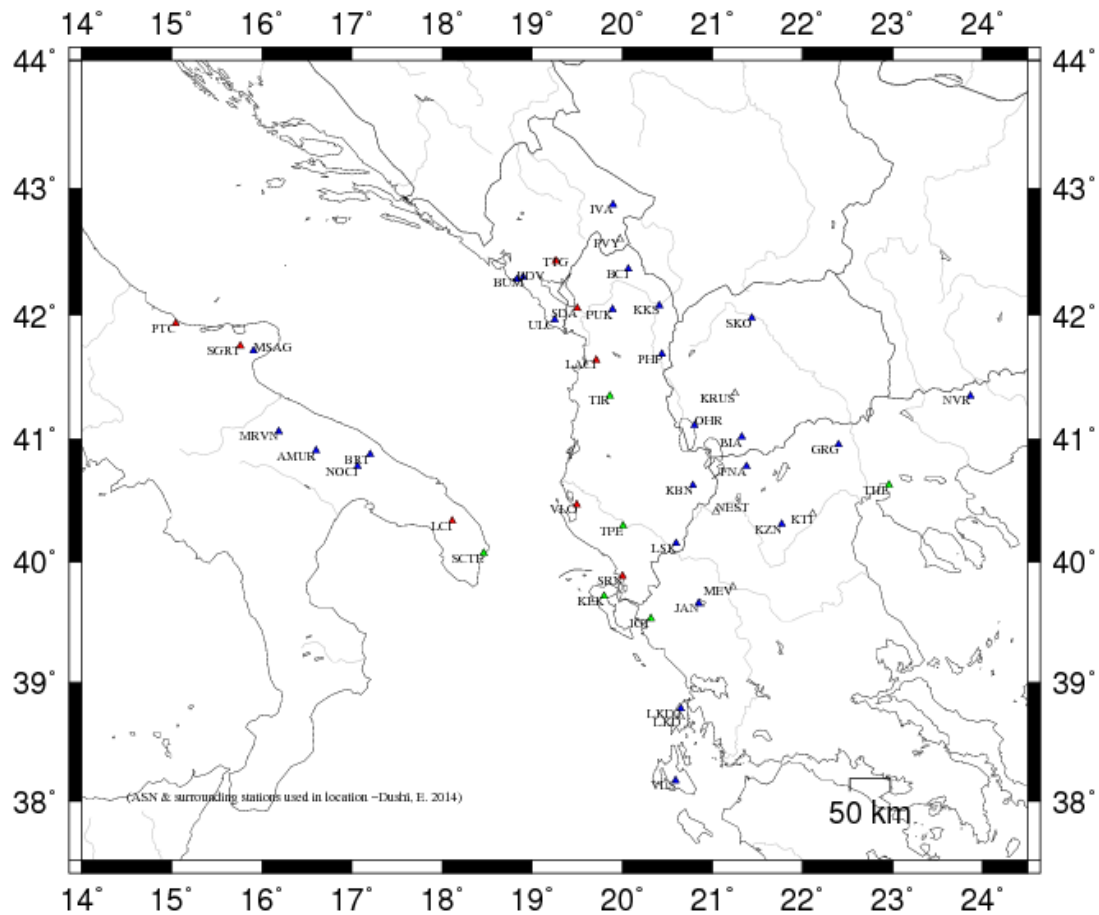
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	1500	3C-SP	S-13	Trident	RT	1.0
KTI	Po (Y)	40.39289	22.11650	1329	#	#	#	#	#
GRG	Po (Y)	40.9558	22.4029	600	3C-BB	CMG-3EPS/100	Trident	RT	40
LKD	Po (Y)	38.70722	20.65056	1140	#	#	#	#	#
ULC	Po (Y)	41.9633	19.2497	465	3C-SP	S-13	Smart-24D	RT	1.0
TTG	Po (Y)	42.43020	19.25530	97	#	#	#	#	#
PVY	Po (Y)	42.5950	19.9735	1250	3C-SP	S-13	Smart-24D	RT	1.0
BUM	Po (Y)	42.3008	18.8986	724	3C-SP	S-13	Smart-24D	RT	1.0
BDV	Po (Y)	42.28340	18.82790	385	#	#	#	#	#
IVA	Po (Y)	42.87180	19.89310	996	#	#	#	#	#
KEK	Po (Y)	39.7127	19.7962	227	3C-BB	STS-2	DR24-SC	RT	120
JAN	Po (Y)	39.6561	20.8487	526	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40
KZN	Po (Y)	40.3033	21.7820	791	3C-BB	STS-2	DR24-SC	RT	120
VLS	Po (Y)	38.1768	20.5886	402	3C-BB	Trillium 120	DR24-SC	RT	120
NVR	Po (Y)	41.3484	23.8651	627	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40/120
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#

**Shënim:**

Rrjeti plotësues (ndihmës) konsiston në stacionet sizmologjike të rajonit, të cilat janë pjesë e Rrjetit Sizmologjik Malazezë (MSO), atij Maqedonas (SKO), të Selanikut (AUTH), Athinës (NAO) dhe Institutit Kombëtar të Gjeofizikës dhe Vullkanologjisë në Romë

(INGV), dhe përdoren për përfshirjen manuale të leximeve të fazave sizmike në procesin e lokalizimit. (#) – është përdorur në rastin kur nuk njihet instrumentimi i stacioneve.



**-Fig. 1-**

Harta e shpërndarjes së stacioneve të rrjetit sizmologjik Shqipëtar (ASN), Universitetit ‘Aristotel’ të Selanikut (THE), Observatorit Kombëtar të Athinës (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).  
[Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

**Përshkrimi i terminologjisë së përdorur për parametrat e përfutur**  
(Output parameter’s description)

**I. Informacioni gjithpërfshirës i kreut të ngjarjes (EVENT HEADER INFORMATION)**

YEAR MO DA Data (viti, muaji, data) [Date]  
 ORIGIN Koha (ora, minuta, sekonda) [Origine Time]  
 LAT N Gjerësia gjeografike (gradë, minuta) [latitude in degree and minute]  
 LON W Gjatësia gjeografike (gradë, minuta) [longitude in degree and minutes]  
 DEPTH Thellësia vatrore (km) [hypocenter depth in km]  
 RMS Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [root mean squarre for the weighted travel time residuals]

ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendrë), [ <i>horizontal location error, approximately equal to the major epicenter's error ellipse</i> ].
ERZ	Gabimi në thellësi, [ <i>Defined as the largest projections of the three principal errors on a vertical line</i> ].
XMAG	Magnituda primare bazuar në amplitudë [ <i>Primary weighted median amplitude magnitude</i> ].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [ <i>Primary weighted median coda magnitude</i> ].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [ <i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i> ].
NSTA	Numuri i stacioneve të përdorur në lokalizim [ <i>the number of stations read for this event</i> ].
NPHS	Numuri i fazave të përdorura [ <i>Number of used phases in location</i> ].
DMIN	Distanca hypoqender-stacioni më i afërt [ <i>distance to the nearest station</i> ].
MODEL	Modeli shpejtësior i përdorur [ <i>velocity crustal model code</i> ].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [ <i>the largest azimuthal gap between azimuthally adjacent stations</i> ].
ITR	Numri i iteracioneve për zgjidhje [ <i>number of iterations required for the solution</i> ].
NFM	Numri i hyrjeve të para P [ <i>number of P first motions reported</i> ].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [ <i>number of P &amp; S readings with weights &gt; 0.1</i> ].
NWS	Numri i fazave S me peshë statistikore > 0.1 [ <i>number of S-phases with weights &gt; 0.1</i> ].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [ <i>number of P &amp; S phases valid for location, assigned weights &gt; 0</i> ].
REMARKS	Kodi (3 karaktere) i rajonit (region code), bazuar në lokalizim dhe thellësinë e vlerësuar; kodi (1 karakter) për të karakterizuar ngjarjen: F – e ndjerë (felt), Q/ B – shpërthime sipërfaqësore në karriera (quarry blasts), R/N – shpërthime në thellësi (explosions), T – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergimin e zgjidhjes së përfutur në mënyrë iterative [ <i>convergence problems</i> ], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [ <i>fixed depth solution</i> ]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [ <i>fixed location solution</i> ].
AVH	Shënime për statusin [ <i>status remarks</i> ].
N.XMG	Numri i magnitudave bazuar në amplitudë [ <i>number of primary amplitude based magnitudes</i> ].
X.MMAD	Gabimi i bërë në vlerësimin e ML [ <i>weighted median absolute difference for the primary amplitude magnitudes</i> ].
T	Kodi i identifikimit për magnitudën XMAG1 [ <i>label code for XMAG1</i> ].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [ <i>number of primary coda magnitudes</i> ].
FMMAD	Gabimi i bërë në vlerësimin e Md [ <i>weighted median absolute difference for the primary coda magnitudes</i> ].
T	Kodi i identifikimit për magnitudën FMAG1 [ <i>label code for FMAG1</i> ].

**Shënim:** parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me #####2, paraqesin informacionin për magnitudat dytësore [*secondary magnitude information parameters*].

## **II. Informacioni parametrik i ngjarjes (EVENT PARAMETRIC DATA)**

STA Kodi i stacionit me 5-karaktere (station code, max 5 characters). (\*) –tregon se për këtë

stacion është përdorur një model alternative shpejtësie [*alternative crustal velocity model used for that station*].

NET	Kodi i rrjetit [ <i>the network code</i> ].
COM	komponentja e përdorur [ <i>3 –letters component code</i> ]
C	shkurtimi i kodit të rrjetit (1 karakter) [ <i>abbreviation for the station code</i> ]
R	Shënimi për stacionin [ <i>station remark</i> ]
DIST	Distanca epiqendrore [ <i>epicentral distance</i> ]
AZM	Azimuti stacion-hypoqendër [ <i>station azimuth in degree</i> ]
AN	Këndi i daljes së rezeve valore në sferën vatrore [ <i>emergence angle at the hypocenter</i> ]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [ <i>phase code</i> ]
WT	Pesha e vlerësimin të fazave [ <i>weighted code</i> ].
SEC	Koha e vrojtuar për hyrjet valore [ <i>observed arrival time</i> ]
TOBS	Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [ <i>observed travel time</i> ]
TCAL	Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [ <i>calculated travel time</i> ].
DLY	Vonesa në kohë, karakteristikë për stacionin [ <i>station delay</i> ].
RES	Diferenca në kohë-përhapjen, model-vrojtim. [ <i>Travel time residuals</i> ].
WT	Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [ <i>normalized weight</i> ].
SR	Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [ <i>1 letter source code</i> ]
R	Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [ <i>Seismogram remark</i> ].
INFO	Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [ <i>the information of the importance of contribution</i> ].
CAL	Faktori korrigjues që përdoret në llogaritjen e magnitudës [ <i>calibration factor for magnitude calculation</i> ].
DUR	Zgjatshmëria e fazës koda (s) [ <i>coda duration i sec</i> ]
W	Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [ <i>duration magnitude weight code</i> ].
FMAG	Magnituda Md, për stacionin [ <i>duration magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by FC1 &amp; FC2 commands</i> ].
AMP	amplituda maksimale (pik-pik) [ <i>peak to peak maximum amplitude</i> ]
U	Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [ <i>amplitude units code</i> ]
PER	Perioda (s), ku është matur $A_{max}$ , [ <i>max amplitude corresponding period in sec.</i> ].
W	Kodi i peshimit 0-9, për magnitudën, bazuar ne amplitude, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitude, për stacionin, [ <i>amplitude magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by XC1 &amp; XC2 commands</i> ].

**Tërmetet Lokalë** (Parametric Data for Albanian local Events)

```

YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-10-04  2227 44.57  41  6.97  20E12.56  0.42  0.14  0.53  1.13  1.85  1.9

NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  L F X
  15   22  38.7  At1  146  14   0  12   7  13                2.00  0.05 L    0.00  0.00 D

1  4 OCT 2016, 22:27 SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  1.13  93 85>-<  0.53 276  4>-<  0.25  5  0>

```

REGION= Shushicë, Rajoni Elbasanit (Shushicë, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		38.7	312	51	P		51.95	7.38	7.85	0.00	-0.47	0.37		0.037			
TIR	AC	HHN		38.7	312	51	S		58.20	13.63	13.74	0.00	-0.11	1.15S		0.516			
TIR	AC	HHE		38.7	312	51		6	0.00	-44.57	7.85	0.00		0.00		0.000	1.00	0.57	.25 1.80 L
BPA1	AC	HHE		63.9	228	51	S		65.36	20.79	21.30	0.00	-0.51*	0.22S		0.017			
BPA1	AC	HHZ		63.9	228	51	P		56.67	12.10	12.17	0.00	-0.07	1.15		0.343			
BPA2	AC	HHZ		65.7	230	51	P		56.22	11.65	12.49	0.00	-0.84*	0.00		0.000			
BPA2	AC	HHE		65.7	230	51	S		66.54	21.97	21.86	0.00	0.11	1.15S		0.459			
PHP	AC	HHZ		66.0	16	51	P		57.22	12.65	12.55	0.00	0.10	1.15		0.328			
PHP	AC	HHN		66.0	16	51		6	60.00	15.43	12.55	0.00		0.00		0.000	1.00	0.32	.23 1.90 L
							S		66.63	22.06	21.96	0.00	0.10	1.15S		0.461			
LSK	AC	HHE		112.2	162	51	S		80.13	35.56	35.86	0.00	-0.30	1.06S		0.518			
SRN	AC	HHZ		138.4	188	51	P		69.67	25.10	24.98	0.00	0.12	1.15		0.315			
SRN	AC	HHE		138.4	188	51	S		88.43	43.86	43.72	0.00	0.15	1.15S		0.370			
BCI	AC	HHZ		139.4	356	51	P		69.63	25.06	25.15	0.00	-0.09	1.15		0.292			
BCI	AC	HHN		139.4	356	51	S		88.58	44.01	44.01	0.00	0.00	1.15S		0.340			

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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-10-06  0346 10.97  40 37.44  19E41.99  12.64  0.24  0.77  0.95  2.45  2.72  2.5

NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  L F X
  18   26  11.6  At1  104  15   0  14   7  16                3.00  0.37 L    2.00  0.08 D

1  6 OCT 2016,  3:46 SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  1.23 274 50>-<  0.43  57 32>-<  0.34 159 18>

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REGION= Visokë, Rajoni Balleshit (Visokë, Balleshi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		11.6	342	133	P		14.41	3.44	3.19	0.00	0.25	1.28		0.159	1.00	28	2.64 D
BPA1	AC	HHN		11.6	342	133	S		16.32	5.35	5.58	0.00	-0.23	1.28S		0.438			
BPA2	AC	HHZ		13.6	330	128	P		14.70	3.73	3.45	0.00	0.28	1.28		0.134	1.00	33	2.79 D
BPA2	AC	HHN		13.6	330	128	S		16.98	6.01	6.04	0.00	-0.03	1.28S		0.298			
VLO	AC	HHZ		24.4	226	111	P		15.74	4.77	5.06	0.00	-0.29	1.28		0.266			
VLO	AC	HHN		24.4	226	111	S		19.81	8.84	8.85	0.00	-0.01	1.28S		0.537			
VLO	AC	HHE		24.4	226	111		6	0.00	-10.97	5.06	0.00		0.00		0.000	1.00		29 .41 3.42 L
SRN	AC	HHZ		86.5	162	78	P		27.30	16.33	15.53	0.00	0.80*	0.41		0.019			
SRN	AC	HHN		86.5	162	78	S		38.38	27.41	27.18	0.00	0.23	1.28S		0.355			
KBN	AC	HHZ		92.0	89	78	P		26.40	15.43	16.46	0.00	-1.03*	0.02		0.000			
KBN	AC	HHN		92.0	89	78		6	0.00	-10.97	16.46	0.00		0.00		0.000	1.00		0.27 .50 2.08 L
							S		38.74	27.77	28.80	0.00	-1.03*	0.02S		0.000			
LSK	AC	HHZ		92.7	124	78	P		27.67	16.70	16.58	0.00	0.12	1.28		0.217			
LSK	AC	HHN		92.7	124	78	S		39.76	28.79	29.01	0.00	-0.23	1.28S		0.561			
PHP	AC	HHZ		133.2	27	68	P		33.76	22.79	23.22	0.00	-0.43	1.26		0.218			
PHP	AC	HHN		133.2	27	68	S		51.70	40.73	40.63	0.00	0.09	1.28S		0.452			
BCI	AC	HHZ		196.0	8	68	P		44.30	33.33	33.23	0.00	0.10	1.28		0.319			
BCI	AC	HHN		196.0	8	68	S		70.00	59.03	58.15	0.00	0.88*	0.22S		0.019			
BCI	AC	HHE		196.0	8	68		6	60.00	49.03	33.23	0.00		0.00		0.000	1.00		0.13 .50 2.45 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG

2016-10-06 1819 7.74 40 31.71 20E13.07 14.61 0.11 0.28 1.01 1.79 2.32 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X

13 20 49.4 At1 100 10 0 11 7 13 4.00 0.14 L 4.00 0.04 D

1 6 OCT 2016, 18:19 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.01 199 88>-< 0.28 70 1>-< 0.23 338 1>

REGION= 5km V-P të Corovodës, Rajoni Skraparit (5km N-W of Corovoda, Skrapari Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		49.4	77	95	P		16.98	9.24	9.26	0.00	-0.02	1.28		0.250	1.00	15	2.28 D
KBN	AC	HHN		49.4	77	95		6	0.00	-7.74	9.26	0.00		0.00		0.000	1.00		0.57 .63 1.93 L
							S		23.94	16.20	16.20	0.00	-0.01	1.28S		0.517			
BPA1	AC	HHN		52.2	295	94	P		17.98	10.24	9.73	0.00	0.51*	0.00		0.000	1.00	15	2.28 D
BPA1	AC	HHE		52.2	295	94	S		25.00	17.26	17.03	0.00	0.23	1.18S		0.400			
LSK	AC	HHZ		53.1	142	94	P		17.22	9.48	9.87	0.00	-0.39	0.28		0.008	1.00	18	2.44 D
LSK	AC	HHE		53.1	142	94		6	0.00	-7.74	9.87	0.00		0.00		0.000	1.00		0.27 .60 1.65 L

						S		25.05	17.31	17.27	0.00	0.04	1.28S		0.340				
BPA2	AC	HHN	55.4	295	93	S		25.55	17.81	17.97	0.00	-0.16	1.28S		0.453				
SRN	AC	HHZ	74.3	195	91	P		21.11	13.37	13.45	0.00	-0.08	1.28		0.179	1.00	16	2.36	D
SRN	AC	HHE	74.3	195	91		6	0.00	-7.74	13.45	0.00		0.00		0.000	1.00			0.10 .51 1.50 L
						S		31.24	23.50	23.54	0.00	-0.04	1.28S		0.342				
IGT	AC	HHZ	111.1	175	71	P		27.79	20.05	19.57	0.00	0.48	0.02		0.000				
IGT	AC	HHN	111.1	175	71	S		42.05	34.31	34.25	0.00	0.06	1.28S		0.660				
PHP	AC	HHZ	129.8	8	71	P		30.41	22.67	22.55	0.00	0.12	1.28		0.249				
PHP	AC	HHN	129.8	8	71		6	0.00	-7.74	22.55	0.00		0.00		0.000	1.00			0.10 .86 1.92 L
						S		47.09	39.35	39.46	0.00	-0.11	1.28S		0.595				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-09 0124 50.81 39 46.72 19E17.99 4.03 0.40 0.96 2.01 2.53 2.72 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 61.0 At1 164 9 0 14 7 16 5.00 0.38 L 3.00 0.22 D

1 9 OCT 2016, 1:24 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.03 222 82>-< 0.97 33 7>-< 0.67 124 0>

REGION= Deti Jon (Ionian Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
SRN	AC	HHZ		61.0	79	62	P		61.22	10.41	11.29	0.00	-0.48	0.68		0.095	1.00	16	2.29	D		
SRN	AC	HHN		61.0	79	62		6	60.00	9.19	11.29	0.00		0.00		0.000	1.00			0.68	.18	2.15 L
							S		68.93	18.12	19.76	0.00	-0.64*	0.00S		0.000						
VLO	AC	HHZ		78.4	12	62	P		67.63	16.82	14.28	0.00	0.24	0.00		0.000						
VLO	AC	HHN		78.4	12	62		6	60.00	9.19	14.28	0.00		0.00		0.000	1.00			1.0	.25	2.53 L
							S		76.49	25.68	24.99	0.00	0.69*	0.94S		0.244						
SCTE	AC	HHZ		78.4	296	62	P		64.97	14.16	14.28	0.00	-0.12	1.03		0.356						
SCTE	AC	HHE		78.4	296	62		6	60.00	9.19	14.28	0.00		0.00		0.000	1.00			0.27	.20	1.96 L
							S		75.64	24.83	24.99	0.00	-0.16	1.03S		0.631						
IGT	AC	HHZ		92.6	106	62	P		67.21	16.40	16.71	0.00	-0.31	1.03		0.229						
IGT	AC	HHN		92.6	106	62	S		80.33	29.52	29.24	0.00	0.28	1.03S		0.248						
LSK	AC	HHZ		118.4	69	62	P		72.44	21.63	21.14	0.00	0.49	1.03		0.227	1.00	25	2.72	D		
LSK	AC	HHN		118.4	69	62		6	60.00	9.19	21.14	0.00		0.00		0.000	1.00			0.85	.89	2.77 L
							S		87.30	36.49	36.99	0.00	-0.51*	1.03S		0.214						
KBN	AC	HHZ		157.6	52	55	P		78.96	28.15	27.75	0.00	0.40	1.03		0.135	1.00	31	2.94	D		
KBN	AC	HHN		157.6	52	55		6	60.00	9.19	27.75	0.00		0.00		0.000	1.00			0.78	1.03	2.99 L
							S		98.92	48.11	48.56	0.00	-0.45	1.03S		0.287						
LKD2	AC	HHZ		160.6	132	55	P		79.33	28.52	28.23	0.00	0.29	1.03		0.222						
LKD2	AC	HHN		160.6	132	55	S		100.33	49.52	49.40	0.00	0.12	1.03S		0.607						
TIR	AC	HHZ		180.7	15	55	P		81.86	31.05	31.43	0.00	-0.38	1.03		0.156						

TIR AC HHE 180.7 15 55 S 106.01 55.20 55.00 0.00 0.20 1.03S 0.344

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-09 0251 7.11 40 46.03 19E50.79 0.00 0.20 1.26 1.68 2.40 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
8 12 16.8 At1 221 6 0 8 4 8 # 0.00 0.00 L 4.00 0.23 D

1 9 OCT 2016, 2:51 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.10 290 53>-< 1.10 137 33>-< 0.43 38 12>

REGION= Marinzë, Rajoni Fierit (Marinzë, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		16.8	254	90	P		10.50	3.39	3.36	0.00	0.03	1.07		0.363	1.00	14	2.04	D
BPA1	AC	HHN		16.8	254	90	S		13.20	6.09	5.88	0.00	0.21	1.07S		0.399				
BPA2	AC	HHZ		19.7	259	90	P		10.80	3.69	3.93	0.00	-0.24	1.04		0.306	1.00	17	2.22	D
BPA2	AC	HHN		19.7	259	90	S		13.82	6.71	6.88	0.00	-0.17	1.07S		0.501				
VLO	AC	HHZ		44.5	222	61	P		15.55	8.44	8.76	0.00	-0.32	0.75		0.314	1.00	23	2.58	D
VLO	AC	HHN		44.5	222	61	S		22.73	15.62	15.33	0.00	0.29	0.87S		0.832				
TIR	AC	HHZ		64.5	1	61	P		19.58	12.47	12.27	0.00	0.20	1.07		0.461	1.00	25	2.67	D
TIR	AC	HHN		64.5	1	61	S		28.54	21.43	21.47	0.00	-0.04	1.07S		0.820				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-09 0251 7.78 40 46.49 19E46.52 3.84 0.11 0.33 0.79 1.70 2.27 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
23 32 11.6 At1 115 7 0 17 9 19 6.00 0.11 L 5.00 0.04 D

1 9 OCT 2016, 2:51 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 0.86 270 67>-< 0.26 159 8>-< 0.19 65 20>

REGION= Rërëz, 8 Km në P të Urës Vajgurore, Rajoni Beratit (Rërëz, 8km W of Ura Vajgurore, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHE		11.6	241	102	S		12.04	4.26	4.36	0.00	-0.10	1.18S		0.222				
BPA1	AC	HHZ		11.6	241	102	P		10.42	2.64	2.49	0.00	0.15	1.18		0.176	1.00	18	2.23	D
BPA2	AC	HHZ		14.1	250	99	P		10.72	2.94	2.97	0.00	-0.03	1.18		0.147	1.00	18	2.24	D
BPA2	AC	HHN		14.1	250	99	S		13.18	5.40	5.20	0.00	0.20	1.14S		0.190				
FIER	AC	HHZ		18.7	251	96	P		11.64	3.86	3.85	0.00	0.01	1.18		0.129				
FIER	AC	HHE		18.7	251	96	S		14.40	6.62	6.74	0.00	-0.12	1.18S		0.204				

VLO	AC	HHE	41.4	215	62	6	0.00	-7.78	7.94	0.00	0.00	0.000	1.00			1.5	.21	2.25	L	
						S	21.79	14.01	13.90	0.00	0.11	1.18S	0.689							
VLO	AC	HHZ	41.4	215	62	P	15.32	7.54	7.94	0.00	-0.40	0.13	0.001	1.00	16	2.27	D			
TIR	AC	HHE	64.1	6	62	S	28.39	20.61	20.70	0.00	-0.09	1.18S	0.469							
TIR	AC	HHZ	64.1	6	62	P	19.54	11.76	11.83	0.00	-0.07	1.18	0.194	1.00	18	2.39	D			
TIR	AC	HHN	64.1	6	62	6	0.00	-7.78	11.83	0.00		0.00	0.000	1.00			0.10	.50	1.36	L
KBN	AC	HHE	87.2	100	62	S	35.58	27.80	27.65	0.00	0.15	1.18S	0.326							
KBN	AC	HHZ	87.2	100	62	P	22.98	15.20	15.80	0.00	-0.60*	0.00	0.000							
KBN	AC	HHN	87.2	100	62	6	0.00	-7.78	15.80	0.00		0.00	0.000	1.00			0.13	.89	1.71	L
LSK	AC	HHN	98.5	134	62	S	38.79	31.01	31.05	0.00	-0.03	1.18S	0.284							
LSK	AC	HHZ	98.5	134	62	P	25.52	17.74	17.74	0.00	0.00	1.18	0.176							
LSK	AC	HHE	98.5	134	62	6	0.00	-7.78	17.74	0.00		0.00	0.000	1.00			0.10	.63	1.69	L
SRN	AC	HHE	101.2	169	62	S	39.60	31.82	31.87	0.00	-0.05	1.18S	0.313							
SRN	AC	HHZ	101.2	169	62	P	26.39	18.61	18.21	0.00	0.40	0.15	0.001	1.00	22	2.60	D			
SRN	AC	HHN	101.2	169	62	6	0.00	-7.78	18.21	0.00		0.00	0.000	1.00			0.08	.69	1.61	L
PHP	AC	HHN	115.4	28	62	6	0.00	-7.78	20.65	0.00		0.00	0.000	1.00			0.10	.56	1.82	L
						S	44.02	36.24	36.14	0.00	0.10	1.18S	0.348							
PHP	AC	HHZ	115.4	28	62	P	28.86	21.08	20.65	0.00	0.43	0.06	0.000							
IGT	AC	HHZ	145.9	160	62	P	33.49	25.71	25.89	0.00	-0.18	1.17	0.122							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-09 1754 35.52 39 54.49 19E45.11 2.28 0.22 1.04 1.59 1.42 2.13 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 13 21.5 At1 152 8 0 8 4 9 1.00 0.00 L 1.00 0.00 D

1 9 OCT 2016, 17:54 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.60 89 83>-< 1.04 189 1>-< 0.45 279 5>

REGION= Ionian Sea, 23 Km V-P të Sarandës, Rajoni Sarandës (Ionian Sea, 23Km N-W of Saranda, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		21.5	98	90	P		39.94	4.42	4.37	0.00	0.05	1.04		0.472	1.00	15	2.13 D
SRN	AC	HHN		21.5	98	90		6	0.00	-35.52	4.37	0.00		0.00		0.000	1.00		0.36 .14 1.42 L
							S		42.82	7.30	7.65	0.00	-0.35	0.89S		0.393			
IGT	AC	HHZ		64.8	129	62	P		47.60	12.08	12.10	0.00	-0.02	1.04		0.268			
IGT	AC	HHN		64.8	129	62	S		56.75	21.23	21.17	0.00	0.06	1.04S		0.805			
LSK	AC	HHZ		77.1	69	62	P		49.46	13.94	14.21	0.00	-0.27	1.02		0.248			
LSK	AC	HHE		77.1	69	62	S		60.59	25.07	24.87	0.00	0.20	1.04S		0.815			
SCTE	AC	HHZ		111.2	281	62	P		55.93	20.41	20.07	0.00	0.34	0.89		0.318			
SCTE	AC	HHN		111.2	281	62	S		70.38	34.86	35.12	0.00	-0.26	1.03S		0.677			
LKD2	AC	HHZ		146.8	147	62	P		63.52	28.00	26.18	0.00	0.82*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-11 1648 12.44 40 38.66 20E41.45 4.03 0.22 1.71 4.21 2.69 2.82 2.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 19 8.5 At1 115 10 0 12 5 13 # 2.00 0.34 L 3.00 0.17 D

1 11 OCT 2016, 16:48 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.54 97 67>-< 1.36 226 14>-< 1.14 320 16

REGION= 6km V-P të Korcës, Rajoni Korcës (6km N-W of Korcës, Korca Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		8.5	105	90	P		13.24	0.80	1.86	0.00	-0.46	1.11	0.555	1.00	30	2.65 D
KBN	AC	HHN		8.5	105	90		6	0.00-12.44	1.86	0.00		0.00	0.000	1.00			32 .21 3.03 L
							S		17.37 4.93 3.26	0.00	0.47	0.42S	0.142					
LSK	AC	HHZ		55.5	189	51	P		22.93	10.49	10.79	0.00	-0.30	1.17	0.193	1.00	30	2.82 D
LSK	AC	HHN		55.5	189	51	S		28.99	16.55	18.88	0.00	-0.33	0.01S	0.000			
BPA1	AC	HHZ		87.9	277	51	P		28.75	16.31	16.36	0.00	-0.05	1.17	0.255			
BPA1	AC	HHN		87.9	277	51	S		41.81	29.37	28.63	0.00	0.34	1.17S	0.289			
BPA2	AC	HHZ		91.1	277	51	P		28.31	15.87	16.92	0.00	-0.45	1.11	0.232			
BPA2	AC	HHN		91.1	277	51	S		43.02	30.58	29.61	0.00	0.37	1.14S	0.277			
SRN	AC	HHZ		103.2	215	51	P		31.55	19.11	18.99	0.00	0.12	1.17	0.169			
PHP	AC	HHZ		117.4	350	51	P		33.37	20.93	21.43	0.00	-0.50	1.17	0.268	1.00	42	3.16 D
PHP	AC	HHN		117.4	350	51		6	0.00-12.44	21.43	0.00		0.00	0.000	1.00			0.33 .51 2.35 L
							S		49.77 37.33 37.50	0.00	-0.17	1.17S	0.785					
IGT	AC	HHZ		127.3	195	51	P		36.05	23.61	23.14	0.00	0.47	1.17	0.180			
IGT	AC	HHN		127.3	195	51	S		54.10	41.66	40.49	0.00	0.47	1.03S	0.649			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-12 0433 1.82 41 55.55 20E 6.91 2.64 0.08 0.77 2.56 2.54 2.47 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 38.1 At1 157 9 0 5 3 6 3.00 0.02 L 3.00 0.21 D

1 12 OCT 2016, 4:33 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.57 57 86>-< 0.77 261 3>-< 0.36 171 1>

REGION= Klosi, Rajoni Burrelit (Klosi, Burreli Region, Albania)

STA NET COM CR DIST AZM AN P/S WT SEC (TOBS -TCAL -DLY =RES) WT SR INFO CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T

PHP	AC	HHZ	38.1	134	62	P	9.15	7.33	7.47	0.00	-0.14	1.00	0.627	1.00	16	2.26	D				
PHP	AC	HHN	38.1	134	62		6	0.00	-1.82	7.47	0.00		0.000	1.00				3.3	.28	2.56	L
							S	14.97	13.15	13.07	0.00	0.08	1.00S	0.878							
BCI	AC	HHZ	49.1	356	62	P	11.35	9.53	9.37	0.00	0.16	0.99	0.615	1.00	20	2.47	D				
BCI	AC	HHN	49.1	356	62		6	0.00	-1.82	9.37	0.00		0.000	1.00				2.4	.37	2.54	L
							S	18.13	16.31	16.40	0.00	-0.09	1.00S	0.878							
TIR	AC	HHZ	67.5	199	62	P	13.62	11.80	12.53	0.00	-0.43	0.00	0.000	1.00	31	2.86	D				
TIR	AC	HHN	67.5	199	62		6	0.00	-1.82	12.53	0.00		0.000	1.00				0.71	.20	2.27	L
							S	23.75	21.93	21.93	0.00	0.00	1.00S	1.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	12	1604	38.90	39 48.39	20E22.30	5.97	0.15	0.47	1.97	2.14	2.33	2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
10	14	30.7	At1	141	10	0	9	4	10		2.00	0.02	L 2.00 0.21 D

1 12 OCT 2016, 16:04 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.99 116 83>-< 0.47 271 5>-< 0.38 2 2>

REGION= Sotirë, Rajoni Sarandës (Sotirë, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
IGT	AC	HHZ		30.7	187	62	P		44.80	5.90	5.91	0.00	-0.01	1.11		0.365						
IGT	AC	HHN		30.7	187	62	S		49.39	10.49	10.34	0.00	0.15	1.11S		0.725						
SRN	AC	HHZ		32.8	285	62	P		45.36	6.46	6.27	0.00	0.19	1.11		0.481	1.00	14	2.12	D		
SRN	AC	HHN		32.8	285	62		6	0.00	-38.90	6.27	0.00		0.00		0.000	1.00		1.4	.37	2.12	L
							S		49.72	10.82	10.97	0.00	-0.15	1.11S		0.431						
LSK	AC	HHZ		42.8	26	62	P		46.08	7.18	7.98	0.00	-0.40	0.00		0.000	1.00	22	2.54	D		
LSK	AC	HHN		42.8	26	62		6	0.00	-38.90	7.98	0.00		0.00		0.000	1.00		1.2	.41	2.15	L
							S		52.89	13.99	13.97	0.00	0.03	1.11S		0.822						
LKD2	AC	HHZ		115.6	167	62	P		59.09	20.19	20.50	0.00	-0.31	0.92		0.273						
SCTE	AC	HHZ		165.4	282	55	P		68.13	29.23	28.78	0.00	0.45	0.32		0.021						
SCTE	AC	HHN		165.4	282	55	S		89.25	50.35	50.36	0.00	-0.01	1.11S		0.557						
PHP	AC	HHZ		208.6	1	55	P		74.58	35.68	35.68	0.00	0.00	1.11		0.320						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	12	2218	50.95	39 46.88	19E17.40	7.03	0.41	0.86	2.01	3.04	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	29	61.8	At1	164	12	0	19	9	20		5.00	0.31	L 4.00 0.06 D

1 12 OCT 2016, 22:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.02 269 85>-< 0.86 41 2>-< 0.60 131 3>

REGION= Deti Jon (Ionian Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T		
SRN	AC	HHZ		61.8	79	91	P		61.51	10.56	11.26	0.00	-0.20	1.08		0.132	1.00	41	3.09	D			
SRN	AC	HHN		61.8	79	91		6	60.00	9.05	11.26	0.00		0.00		0.000	1.00			1.9	.28	2.61	L
							S		69.42	18.47	19.70	0.00	-0.24	0.31S		0.020							
SCTE	AC	HHZ		77.5	296	90	P		65.02	14.07	13.98	0.00	0.09	1.13		0.309							
SCTE	AC	HHN		77.5	296	90	S		75.20	24.25	24.47	0.00	-0.22	1.13S		0.512							
VLO	AC	HHZ		78.3	12	90	P		67.57	16.62	14.11	0.00	0.51*	0.00		0.000	1.00	28	2.78	D			
VLO	AC	HHE		78.3	12	90		6	60.00	9.05	14.11	0.00		0.00		0.000	1.00			3.2	.15	3.04	L
							S		75.54	24.59	24.69	0.00	-0.10	1.13S		0.255							
IGT	AC	HHZ		93.5	106	90	P		67.17	16.22	16.69	0.00	-0.47	1.13		0.180							
IGT	AC	HHN		93.5	106	90	S		80.12	29.17	29.21	0.00	-0.04	1.13S		0.299							
BPA2	AC	HHZ		109.0	14	90	P		71.61	20.66	19.36	0.00	0.30	0.20		0.003							
BPA2	AC	HHE		109.0	14	90	S		85.62	34.67	33.88	0.00	0.79*	1.00S		0.193							
BPA1	AC	HHZ		109.1	16	90	P		70.82	19.87	19.38	0.00	0.49	1.13		0.117							
LSK	AC	HHZ		119.1	69	90	P		73.11	22.16	21.09	0.00	0.37	0.57		0.032	1.00	43	3.18	D			
LSK	AC	HHN		119.1	69	90		6	60.00	9.05	21.09	0.00		0.00		0.000	1.00			2.7	.77	3.28	L
							S		87.71	36.76	36.91	0.00	-0.15	1.13S		0.263							
KBN	AC	HHZ		158.1	53	68	P		78.96	28.01	27.55	0.00	0.46	1.13		0.081	1.00	43	3.21	D			
KBN	AC	HHN		158.1	53	68		6	60.00	9.05	27.55	0.00		0.00		0.000	1.00			1.81	.10	3.35	L
							S		99.24	48.29	48.21	0.00	0.08	1.13S		0.283							
LKD2	AC	HHZ		161.5	132	68	P		79.27	28.32	28.08	0.00	0.24	1.13		0.217							
LKD2	AC	HHE		161.5	132	68	S		100.37	49.42	49.14	0.00	0.28	1.13S		0.440							
TIR	AC	HHZ		180.6	15	68	P		81.75	30.80	31.14	0.00	-0.34	1.13		0.103							
TIR	AC	HHE		180.6	15	68		6	60.00	9.05	31.14	0.00		0.00		0.000	1.00			0.26	.47	2.65	L
							S		104.94	53.99	54.49	0.00	-0.51*	1.13S		0.333							
PHP	AC	HHZ		232.7	24	50	P		89.84	38.89	39.00	0.00	-0.11	1.13		0.218							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	12	2320	50.71	39 45.62	19E17.90	5.39	0.36	0.91	2.86	2.43	2.75	2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	22	61.6	At1	165	8	0	13	6	15		5.00	0.14	L 3.00 0.04 D

1 12 OCT 2016, 23:20 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.87 247 84>-< 0.91 29 4>-< 0.60 120 2>

REGION= Deti Jon (Ionian Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SRN	AC	HHZ		61.6	77	62	P		61.08	10.37	11.26	0.00	-0.29	0.70		0.105	1.00	22	2.56 D			
SRN	AC	HHN		61.6	77	62		6	60.00	9.29	11.26	0.00		0.00		0.000	1.00			0.44	.34	1.97 L
								S	68.83	18.12	19.70	0.00	-0.58*	0.00S		0.000						
SCTE	AC	HHZ		79.2	297	62	P		64.57	13.86	14.29	0.00	-0.43	1.07		0.355						
SCTE	AC	HHN		79.2	297	62		6	60.00	9.29	14.29	0.00		0.00		0.000	1.00			0.21	.50	1.86 L
								S	75.80	25.09	25.01	0.00	0.08	1.07S		0.686						
VLO	AC	HHZ		80.4	12	62	P		67.33	16.62	14.50	0.00	0.12	0.00		0.000	1.00	27	2.75 D			
VLO	AC	HHN		80.4	12	62		6	60.00	9.29	14.50	0.00		0.00		0.000	1.00			0.77	.46	2.43 L
								S	75.91	25.20	25.38	0.00	-0.18	1.07S		0.389						
IGT	AC	HHZ		92.1	105	62	P		66.82	16.11	16.51	0.00	-0.40	1.07		0.269						
IGT	AC	HHN		92.1	105	62		S	79.32	28.61	28.89	0.00	-0.28	1.07S		0.248						
BPA2	AC	HHZ		111.1	14	62	P		70.92	20.21	19.77	0.00	0.44	1.07		0.259						
LSK	AC	HHZ		119.2	68	62	P		72.86	22.15	21.17	0.00	0.98*	0.55		0.064	1.00	27	2.79 D			
LSK	AC	HHN		119.2	68	62		6	60.00	9.29	21.17	0.00		0.00		0.000	1.00			0.45	.47	2.50 L
								S	87.69	36.98	37.05	0.00	-0.07	1.07S		0.250						
KBN	AC	HHZ		159.0	52	55	P		78.86	28.15	27.82	0.00	0.33	1.07		0.143						
KBN	AC	HHN		159.0	52	55		6	60.00	9.29	27.82	0.00		0.00		0.000	1.00			0.291	.08	2.57 L
								S	99.35	48.64	48.68	0.00	-0.04	1.07S		0.385						
LKD2	AC	HHZ		159.4	132	55	P		78.84	28.13	27.88	0.00	0.25	1.07		0.251						
LKD2	AC	HHN		159.4	132	55		S	99.73	49.02	48.79	0.00	0.23	1.07S		0.588						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	13	0029	22.04	39 45.30	19E18.26	11.96	0.27	0.69	1.67	2.29	2.78 2.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	24	79.9	At1	165	10	0	15	6	17		5.00 0.23 L	4.00 0.13 D	

1 13 OCT 2016, 0:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.71 270 78>-< 0.69 32 6>-< 0.44 124 9>

REGION= Deti Jon (Ionian Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SRN	AC	HHZ		61.2	76	96	P		32.31	10.27	11.20	0.00	-0.43	0.07		0.001	1.00	21	2.54 D			
SRN	AC	HHN		61.2	76	96		6	0.00	-22.04	11.20	0.00		0.00		0.000	1.00			0.91	.36	2.29 L
								S	40.17	18.13	19.60	0.00	-0.47	0.00S		0.000						
SCTE	AC	HHZ		79.9	297	94	P		36.01	13.97	14.40	0.00	-0.43	1.11		0.287						
SCTE	AC	HHN		79.9	297	94		6	0.00	-22.04	14.40	0.00		0.00		0.000	1.00			0.35	.50	2.09 L
								S	47.41	25.37	25.20	0.00	0.17	1.13S		0.519						
VLO	AC	HHZ		80.9	11	94	P		36.47	14.43	14.57	0.00	-0.14	1.13		0.168	1.00	26	2.74 D			
VLO	AC	HHN		80.9	11	94		6	0.00	-22.04	14.57	0.00		0.00		0.000	1.00			0.32	.68	2.06 L
								S	47.99	25.95	25.50	0.00	0.45	1.08S		0.373						



IGT	AC	HHZ	91.5	105	94	P	38.07	16.03	16.38	0.00	-0.35	1.13	0.283						
IGT	AC	HHN	91.5	105	94	S	50.76	28.72	28.66	0.00	0.06	1.13S	0.586						
BPA2	AC	HHZ	111.5	13	78	P	41.68	19.64	19.77	0.00	-0.13	1.13	0.115						
BPA1	AC	HHZ	111.6	15	78	P	41.94	19.90	19.78	0.00	0.12	1.13	0.113						
LSK	AC	HHZ	119.0	67	68	P	43.33	21.29	20.99	0.00	0.30	1.13	0.095	1.00	27	2.81	D		
LSK	AC	HHN	119.0	67	68	S	58.81	36.77	36.73	0.00	0.04	1.13S	0.285	1.00			0.83	.41	2.76 L
LKD2	AC	HHZ	158.6	132	68	P	49.78	27.74	27.31	0.00	0.43	1.10	0.235						
LKD2	AC	HHE	158.6	132	68	S	69.84	47.80	47.79	0.00	0.01	1.13S	0.486						
KBN	AC	HHZ	158.9	52	68	P	49.21	27.17	27.36	0.00	-0.19	1.13	0.102	1.00	32	2.99	D		
KBN	AC	HHN	158.9	52	68	S	69.57	47.53	47.88	0.00	-0.35	1.13S	0.340	1.00			0.49	.72	2.80 L
TIR	AC	HHZ	183.1	14	68	P	54.11	32.07	31.22	0.00	0.85*	0.18	0.003						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	13	2340	39.88	41 38.95	20E17.64	2.03	0.19	0.65	0.36	3.10	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
12	18	12.9	At1	119	7	0	10	5	12	#	0.00	0.00 L	5.00	0.07	D

1 13 OCT 2016, 23:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.51 73 64>-< 0.50 301 17>-< 0.37 206 18>

REGION= Selishtë, Rajoni Peshkopisë (Selishtë, Peshkopia Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
PHP	AC	HHZ	12.9	72	90	P	42.46	2.58	2.82	0.00	-0.24	1.00	0.406	1.00	53	3.15	D					
PHP	AC	HHN	12.9	72	90	S	44.73	4.85	4.93	0.00	-0.08	1.00S	0.575									
TIR	AC	HHZ	49.0	228	51	P	48.73	8.85	9.68	0.00	-0.83*	0.00	0.000	1.00	42	3.10	D					
TIR	AC	HHE	49.0	228	51	S	56.58	16.70	16.94	0.00	-0.24	1.00S	0.504									
BCI	AC	HHZ	81.9	347	51	P	55.49	15.61	15.32	0.00	0.29	0.97	0.298	1.00	36	3.00	D					
BCI	AC	HHE	81.9	347	51	S	66.95	27.07	26.81	0.00	0.26	1.00S	0.809									
KBN	AC	HHZ	121.2	159	51	P	61.82	21.94	22.08	0.00	-0.14	1.00	0.156	1.00	36	3.03	D					
KBN	AC	HHE	121.2	159	51	S	78.60	38.72	38.64	0.00	0.08	1.00S	0.464									
LSK	AC	HHZ	168.5	171	46	P	70.04	30.16	30.00	0.00	0.16	1.00	0.151	1.00	47	3.30	D					
LSK	AC	HHE	168.5	171	46	S	92.28	52.40	52.50	0.00	-0.10	1.00S	0.420									
SRN	AC	HHZ	198.0	188	46	P	74.78	34.90	34.72	0.00	0.18	1.00	0.211									
SRN	AC	HHE	198.0	188	46	S	101.50	61.62	60.76	0.00	0.86*	0.00S	0.000									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	14	1656	13.56	40 45.05	19E39.35	1.44	0.07	0.58	0.29	2.11	2.60	2.6

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
15	21	3.1	At1	245	9	0	11	4	14		4.00	0.18	L	5.00	0.05	D

1 14 OCT 2016, 16:56 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.60 202 15>-< 0.44 306 41>-< 0.28 95 44>

REGION= Marinëz, Rajoni Fierit (Marinëz, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
BPA1	AC	HHE		3.1	179	115	S		14.90	1.34	1.30	0.00	0.05	1.09S		0.718							
BPA1	AC	HHZ		3.1	179	115	P		14.19	0.63	0.74	0.00	-0.11	1.09		0.287	1.00	28	2.56			D	
BPA2	AC	HHN		3.9	234	110	S		15.75	2.19	1.59	0.00	0.60*	0.00S		0.000							
BPA2	AC	HHZ		3.9	234	110	P		14.56	1.00	0.91	0.00	0.09	1.09		0.294	1.00	29	2.60			D	
FIER	AC	HHZ		8.4	244	99	P		15.41	1.85	1.86	0.00	-0.01	1.09		0.337							
VLO	AC	HHN		34.2	204	61		6	0.00	-13.56	6.88	0.00		0.00		0.000	1.00			10	.34	3.01	L
									25.60	12.04	12.04	0.00	0.00	1.09S		0.662							
VLO	AC	HHZ		34.2	204	61	P		20.52	6.96	6.88	0.00	0.08	1.09		0.133	1.00	23	2.55			D	
SRN	AC	HHE		101.0	163	51		6	0.00	-13.56	18.42	0.00		0.00		0.000	1.00			0.16	.36	1.91	L
									46.25	32.69	32.24	0.00	0.46	0.00S		0.000							
SRN	AC	HHZ		101.0	163	51	P		32.03	18.47	18.42	0.00	0.05	1.09		0.133	1.00	31	2.89			D	
LSK	AC	HHN		104.2	129	51		6	0.00	-13.56	18.96	0.00		0.00		0.000	1.00			0.34	.51	2.26	L
									46.85	33.29	33.18	0.00	0.11	1.09S		0.433							
LSK	AC	HHZ		104.2	129	51	P		32.45	18.89	18.96	0.00	-0.07	1.09		0.347	1.00	37	3.04			D	
SCTE	AC	HHZ		125.5	234	51	P		36.13	22.57	22.62	0.00	-0.05	1.09		0.310							
SCTE	AC	HHE		125.5	234	51		6	0.00	-13.56	22.62	0.00		0.00		0.000	1.00			0.12	.57	1.96	L
IGT	AC	HHZ		147.1	156	51	P		39.51	25.95	26.33	0.00	-0.38	0.01		0.000							
IGT	AC	HHN		147.1	156	51	S		59.56	46.00	46.08	0.00	-0.08	1.09S		0.339							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	22	0511	25.21	41 25.99	19E35.54	14.06	0.13	0.93	0.86	2.37	2.67	2.4

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	14	24.7	At1	212	13	0	9	4	10		3.00	0.01	L	2.00	0.24	D

1 22 OCT 2016, 5:11 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.27 99 42>-< 0.54 277 47>-< 0.42 8 0>

REGION= Rade, Rajoni Durrsit (Rade, Durrsi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		24.7	112	113	P		29.92	4.71	5.15	0.00	-0.44	0.40		0.083	1.00	20	2.43			D	
TIR	AC	HHN		24.7	112	113		6	0.00	-25.21	5.15	0.00		0.00		0.000	1.00			1.0	.20	1.98	L

					S	34.25	9.04	9.01	0.00	0.03	1.13S	0.827								
PHP	AC	HHZ	76.1	68	72	P	38.35	13.14	13.52	0.00	-0.38	0.67	0.064	1.00	31	2.91	D			
PHP	AC	HHN	76.1	68	72		6	0.00	-25.21	13.52	0.00	0.00	0.000	1.00			0.73	.46	2.38	L
						S	48.92	23.71	23.66	0.00	0.05	1.13S	0.802							
BCI	AC	HHZ	110.9	20	58	P	44.27	19.06	19.00	0.00	0.06	1.13	0.481							
BCI	AC	HHN	110.9	20	58		6	0.00	-25.21	19.00	0.00	0.00	0.000	1.00			0.38	.40	2.37	L
						S	58.43	33.22	33.25	0.00	-0.03	1.13S	0.542							
KBN	AC	HHZ	134.8	131	58	P	48.59	23.38	22.47	0.00	0.41	0.00	0.000							
LSK	AC	HHZ	165.9	148	48	P	51.98	26.77	26.61	0.00	0.16	1.13	0.216							
SRN	AC	HHZ	175.9	168	48	P	53.13	27.92	27.88	0.00	0.04	1.13	0.329							
SRN	AC	HHE	175.9	168	48	S	73.90	48.69	48.79	0.00	-0.10	1.13S	0.651							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	23	0149	24.19	40 43.06	19E40.71	0.00	0.25	0.37	0.93	2.05	2.51	2.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
21	31	2.0	At1	81	6	0	19	10	19	#	8.00	0.21 L	5.00 0.08 D

1 23 OCT 2016, 1:49 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.99 260 70>-< 0.38 110 17>-< 0.35 17 9>

REGION= Marinëz, Rajoni Fierit (Marinëz, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BPA1	AC	HHZ		2.0	288	90	P		24.22	0.03	0.39	0.00	-0.36	0.96		0.194	1.00	20	2.27	D		
BPA1	AC	HHN		2.0	288	90	S		25.05	0.86	0.68	0.00	0.18	1.08S		0.379						
VLO	AC	HHZ		31.7	210	90	P		30.35	6.16	6.33	0.00	-0.17	1.08		0.220	1.00	22	2.50	D		
VLO	AC	HHN		31.7	210	90		6	0.00	-24.19	6.33	0.00	0.00	0.00		0.000	1.00		10	.30	2.98	L
							S		35.48	11.29	11.08	0.00	0.21	1.08S		0.296						
TIR	AC	HHZ		71.7	12	61	P		37.41	13.22	13.53	0.00	-0.31	1.06		0.172	1.00	26	2.71	D		
TIR	AC	HHN		71.7	12	61		6	0.00	-24.19	13.53	0.00	0.00	0.00		0.000	1.00		0.26	.63	1.88	L
							S		47.98	23.79	23.68	0.00	0.11	1.08S		0.263						
TIR	AC	HHE		71.7	12	61		6	60.00	35.81	13.53	0.00	0.00	0.00		0.000	1.00		0.28	.57	1.91	L
KBN	AC	HHN		94.3	95	57		6	0.00	-24.19	17.50	0.00	0.00	0.00		0.000	1.00		0.45	.54	2.31	L
							S		55.03	30.84	30.63	0.00	0.22	1.08S		0.257						
KBN	AC	HHZ		94.3	95	57	P		41.13	16.94	17.50	0.00	-0.46	0.24		0.009	1.00	20	2.51	D		
SRN	AC	HHZ		97.0	163	57	P		41.96	17.77	17.94	0.00	-0.17	1.08		0.103	1.00	22	2.59	D		
SRN	AC	HHE		97.0	163	57	S		55.88	31.69	31.40	0.00	0.29	1.07S		0.197						
SRN	AC	HHN		97.0	163	57		6	60.00	35.81	17.94	0.00	0.00	0.00		0.000	1.00		0.15	.56	1.85	L
LSK	AC	HHZ		100.4	128	57	P		42.39	18.20	18.52	0.00	-0.32	1.05		0.139						
LSK	AC	HHN		100.4	128	57		6	0.00	-24.19	18.52	0.00	0.00	0.00		0.000	1.00		0.51	.69	2.41	L
							S		56.74	32.55	32.41	0.00	0.14	1.08S		0.213						
SCTE	AC	HHZ		124.9	236	50	P		46.59	22.40	22.53	0.00	-0.13	1.08		0.119						

SCTE	AC	HHN	124.9	236	50	6	60.00	35.81	22.53	0.00	0.00	0.000	1.00	0.09	.50	1.84	L
						S	63.82	39.63	39.43	0.00	0.20	1.08S	0.528				
PHP	AC	HHZ	125.0	30	50	P	47.14	22.95	22.54	0.00	0.41	0.77	0.069				
PHP	AC	HHN	125.0	30	50	6	60.00	35.81	22.54	0.00	0.00	0.000	1.00	0.20	.46	2.18	L
						S	63.96	39.77	39.44	0.00	0.33	1.03S	0.211				
IGT	AC	HHZ	142.9	156	46	P	49.74	25.55	25.18	0.00	0.37	0.91	0.057				
IGT	AC	HHN	142.9	156	46	S	67.94	43.75	44.07	0.00	-0.32	1.06S	0.234				
BCI	AC	HHN	186.0	9	39	S	78.29	54.10	54.25	0.00	-0.15	1.08S	0.332				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	30	0059	24.27	41 35.15	20E 9.59	2.00	0.15	0.80	1.04	2.73	2.73	2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
12	18	25.9	At1	131	6	0	12	6	12	#	3.00	0.13 L	3.00 0.15 D

1 30 OCT 2016, 0:59 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.11 320 68>-< 0.85 115 19>-< 0.52 209 8>

REGION= 10km në V të Bulqizës, Rajoni Bulqizës (10km N of Bulqiza, Bulqiza Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		25.9	64	90	P		29.81	5.54	5.17	0.00	0.37	1.12	0.320	1.00	25	2.58 D	
PHP	AC	HHN		25.9	64	90	6		0.00-24.27	5.17	0.00		0.00	0.000	1.00			23 .14	3.28 L
							S		33.21	8.94	9.05	0.00	-0.11	1.12S	0.592				
TIR	AC	HHZ		36.1	224	90	P		31.50	7.23	7.22	0.00	0.01	1.12	0.349	1.00	28	2.73 D	
TIR	AC	HHN		36.1	224	90	6		0.00-24.27	7.22	0.00		0.00	0.000	1.00			3.9 .15	2.60 L
							S		36.78	12.51	12.63	0.00	-0.12	1.12S	0.588				
BCI	AC	HHZ		87.1	355	61	P		40.00	15.73	16.23	0.00	-0.50	1.04	0.263	1.00	34	2.95 D	
BCI	AC	HHN		87.1	355	61	6		0.00-24.27	16.23	0.00		0.00	0.000	1.00			1.3 .56	2.73 L
							S		52.68	28.41	28.40	0.00	0.01	1.12S	0.721				
KBN	AC	HHZ		119.1	153	53	P		45.43	21.16	21.61	0.00	-0.45	1.10	0.157				
KBN	AC	HHN		119.1	153	53	S		61.43	37.16	37.82	0.00	-0.46	0.67S	0.147				
LSK	AC	HHZ		163.7	166	39	P		53.20	28.93	28.17	0.00	0.46	0.37	0.014				
LSK	AC	HHN		163.7	166	39	S		73.97	49.70	49.30	0.00	0.40	1.12S	0.382				
SRN	AC	HHZ		189.9	185	39	P		56.28	32.01	31.49	0.00	0.42	0.99	0.100				
SRN	AC	HHN		189.9	185	39	S		79.10	54.83	55.11	0.00	-0.28	1.12S	0.361				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	30	0100	7.21	41 39.62	20E 6.71	4.02	0.20	4.20	3.94	1.96	2.29	2.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X

6 9 27.5 At1 233 8 0 5 3 6 # 2.00 0.30 L 2.00 0.14 D

1 30 OCT 2016, 1:00 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 49.61 346 46>-< 4.56 132 37>-< 1.80 237 18>

REGION= Burrel, Rajoni Burrelit (Burrel, Burreli Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T		
PHP	AC	HHZ		27.5	84	90	P		12.37	5.16	5.50	0.00	-0.34	1.00		0.623	1.00	15	2.15	D				
PHP	AC	HHN		27.5	84	90		6	0.00	-7.21	5.50	0.00		0.00		0.000	1.00				2.1	.11	2.25	L
							S		15.77	8.56	9.63	0.00	-0.07	1.00S		0.876								
TIR	AC	HHZ		40.4	211	61	P		14.21	7.00	8.04	0.00	-0.04	1.00		0.623	1.00	19	2.42	D				
TIR	AC	HHN		40.4	211	61		6	0.00	-7.21	8.04	0.00		0.00		0.000	1.00				0.40	.14	1.66	L
							S		20.37	13.16	14.07	0.00	-0.21	1.00S		0.876								
KBN	AC	HHZ		128.3	153	50	P		34.37	27.16	23.05	0.00	0.41	0.00		0.000								
KBN	AC	HHN		128.3	153	50		S	46.61	39.40	40.34	0.00	-0.24	1.00S		1.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	31	2315	0.22	41 33.59	20E27.97	4.00	0.60	0.86	0.87	3.09	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
12	18	14.0	At1	173	6	0	12	6	12	#	0.00	0.00	L 5.00 0.19 D

1 31 OCT 2016, 23:15 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.03 26 71>-< 1.88 268 9>-< 0.80 175 16>

REGION= Gjoricë, Rajoni Peshkopi (Gjoricë, Peshkopia Region)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
PHP	AC	HHZ		14.0	352	90	P		3.04	2.82	2.80	0.00	0.02	1.09		0.365	1.00	39	2.90	D			
PHP	AC	HHN		14.0	352	90		S	5.44	5.22	4.90	0.00	0.32	1.09S		0.431							
TIR	AC	HHZ		55.5	246	61	P		10.16	9.94	10.69	0.00	-0.75*	1.06		0.318	1.00	31	2.84	D			
TIR	AC	HHE		55.5	246	61		S	18.86	18.64	18.71	0.00	-0.07	1.09S		0.720							
BCI	AC	HHZ		95.5	340	57	P		16.97	16.75	17.70	0.00	-0.95*	0.84		0.104	1.00	47	3.23	D			
BCI	AC	HHN		95.5	340	57		S	31.49	31.27	30.97	0.00	0.30	1.09S		0.717							
KBN	AC	HHZ		107.4	165	53	P		19.17	18.95	19.71	0.00	-0.76*	1.05		0.262	1.00	39	3.09	D			
KBN	AC	HHE		107.4	165	53		S	33.78	33.56	34.49	0.00	-0.93*	0.86S		0.226							
LSK	AC	HHZ		157.0	175	46	P		28.00	27.78	27.21	0.00	0.57*	1.09		0.188	1.00	54	3.41	D			
LSK	AC	HHN		157.0	175	46		S	48.33	48.11	47.62	0.00	0.49	1.09S		0.297							
SRN	AC	HHZ		190.6	193	39	P		32.89	32.67	31.58	0.00	1.09*	0.60		0.038							
SRN	AC	HHN		190.6	193	39		S	56.19	55.97	55.26	0.00	0.70*	1.08S		0.328							

**Tërmetet Rajonale** (Parametric Data for Regional Events recorded by ASN)

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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-10-09  0315 44.16  39 54.74  20E38.22  1.28  0.05  0.78  0.67          2.10  2.1

NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  SOURCE
   6   9  26.6  At1  220  6  0  6  3  6          0.00  0.00 L  2.00  0.14 D  L F X

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1 9 OCT 2016, 3:15 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.84 91 64>-< 0.78 290 24>-< 0.32 197 6>

REGION= Greqi (Greece)

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STA NET COM CR DIST AZM AN P/S WT  SEC (TOBS -TCAL -DLY =RES) WT  SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK AC HHZ  26.6 353 61 P  49.64 5.48 5.43 0.00 0.05 1.00  0.497 1.00 12 1.96 D
LSK AC HHN  26.6 353 61 S  53.64 9.48 9.50 0.00 -0.02 1.00S  0.835
IGT AC HHZ  49.8 213 51 P  53.71 9.55 9.64 0.00 -0.09 1.00  0.497
IGT AC HHE  49.8 213 51 S  61.09 16.93 16.87 0.00 0.06 1.00S  0.836
SRN AC HHZ  54.5 267 51 P  54.67 10.51 10.46 0.00 0.05 1.00  0.497 1.00 15 2.23 D
SRN AC HHN  54.5 267 51 S  62.44 18.28 18.31 0.00 -0.03 1.00S  0.835

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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-10-09  0328 12.46  39 55.42  20E35.16  2.03  0.05  0.57  0.74  1.53  2.16  2.2

NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  SOURCE
   8  12  25.1  At1  175  9  0  7  4  8  #          2.00  0.11 L  2.00  0.08 D  L F X

```

1 9 OCT 2016, 3:28 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.36 47 80>-< 0.57 280 5>-< 0.27 188 7>

REGION= Greqi (Greece)

```

STA NET COM CR DIST AZM AN P/S WT  SEC (TOBS -TCAL -DLY =RES) WT  SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK AC HHZ  25.1  2  61 P  17.78 5.32 5.28 0.00 0.04 1.00  0.495 1.00 14 2.08 D
LSK AC HHN  25.1  2  61  6  0.00-12.46 5.28 0.00 0.00 0.000 1.00 0.54 .34 1.64 L
   S  21.66 9.20 9.24 0.00 -0.04 1.00S  0.805
IGT AC HHZ  48.8 207 51 P  22.02 9.56 9.64 0.00 -0.08 1.00  0.436
IGT AC HHN  48.8 207 51 S  29.26 16.80 16.87 0.00 -0.07 1.00S  0.359
SRN AC HHZ  50.3 265 51 P  22.34 9.88 9.90 0.00 -0.02 1.00  0.417 1.00 15 2.23 D

```

SRN	AC	HHN	50.3	265	51	6	0.00-12.46	9.90	0.00	0.00	0.000	1.00	0.18	.41	1.42	L	
						S	29.85	17.39	17.32	0.00	0.07	1.00S	0.778				
LKD2	AC	HHZ	126.1	177	51	P	35.67	23.21	22.93	0.00	0.28	0.00	0.000				
LKD2	AC	HHE	126.1	177	51	S	52.62	40.16	40.13	0.00	0.03	1.00S	0.707				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	09	1204	10.76	38 12.84	20E 6.44	15.31	0.46	2.81	2.23	4.23	3.87 4.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE		
19	26	79.9	At1	291	11	0	16	6	18		6.00	0.16 L	4.00	0.11 D	L F X

1 9 OCT 2016, 12:04 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.59 125 38>-< 1.85 13 25>-< 1.59 258 41>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		79.9	36	92	P		25.07	14.31	14.38	0.00	-0.07	1.11		0.349			
LKD2	AC	HHN		79.9	36	92	S		35.61	24.85	25.17	0.00	-0.32	1.11S		0.585			
IGT	AC	HHZ		147.5	7	71	P		37.04	26.28	25.34	0.00	0.44	1.04		0.111			
IGT	AC	HHE		147.5	7	71	S		55.15	44.39	44.35	0.00	0.04	1.11S		0.300			
SRN	AC	HHZ		185.2	358	71	P		42.13	31.37	31.35	0.00	0.02	1.11		0.182	1.00	73	3.75 D
SRN	AC	HHE		185.2	358	71	S	6	60.00	49.24	31.35	0.00		0.00		0.000	1.00		7.2 .50 4.13 L
							S		65.63	54.87	54.86	0.00	0.01	1.11S		0.471			
LSK	AC	HHZ		219.1	11	51	P		47.65	36.89	36.30	0.00	0.59*	1.11		0.172	1.00	73	3.78 D
LSK	AC	HHN		219.1	11	51	S	6	60.00	49.24	36.30	0.00		0.00		0.000	1.00		11 .87 4.50 L
							S		73.76	63.00	63.52	0.00	-0.42	1.11S		0.362			
SCTE	AC	HHZ		250.7	327	51	P		50.74	39.98	40.49	0.00	-0.51*	1.11		0.315			
VLO	AC	HHZ		255.8	349	51	P		52.13	41.37	41.16	0.00	0.21	1.11		0.151	1.00	86	3.95 D
VLO	AC	HHE		255.8	349	51	S	6	60.00	49.24	41.16	0.00		0.00		0.000	1.00		9.1 .46 4.59 L
							S		83.06	72.30	72.03	0.00	0.27	1.11S		0.276			
KBN	AC	HHZ		273.9	12	51	P		54.58	43.82	43.55	0.00	0.27	1.11		0.179	1.00	121	4.26 D
KBN	AC	HHN		273.9	12	51	S	6	60.00	49.24	43.55	0.00		0.00		0.000	1.00		3.2 .75 4.22 L
							S		87.19	76.43	76.21	0.00	0.22	1.11S		0.380			
BPA2	AC	HHZ		282.5	352	51	P		54.70	43.94	44.69	0.00	-0.35	1.10		0.140			
TIR	AC	HHZ		348.5	357	51	P		62.68	51.92	53.43	0.00	-0.51*	0.40		0.017			
TIR	AC	HHE		348.5	357	51	S	6	60.00	49.24	53.43	0.00		0.00		0.000	1.00		1.1 .60 4.01 L
							S		101.15	90.39	93.50	0.00	-1.11*	0.00S		0.000			
PHP	AC	HHZ		386.4	4	51	P		67.47	56.71	58.43	0.00	-0.72*	0.17		0.003			
PHP	AC	HHN		386.4	4	51	S	6	60.00	49.24	58.43	0.00		0.00		0.000	1.00		1.4 .36 4.23 L
BCI	AC	HHZ		461.1	0	51	P		76.70	65.94	68.32	0.00	-1.38*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-15 1148 20.49 39 47.35 20E38.63 20.44 0.15 0.54 1.27 3.06 2.98 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 14 21 39.3 At1 172 11 0 13 7 14 4.00 0.13 L 4.00 0.05 D

1 15 OCT 2016, 11:48 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.28 232 81>-< 0.54 98 5>-< 0.32 7 6>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
IGT	AC	HHZ		39.3	224	90	P		27.92	7.43	7.84	0.00	-0.41	0.48		0.033							
IGT	AC	HHE		39.3	224	90	S		34.22	13.73	13.72	0.00	0.01	1.09S		0.349							
LSK	AC	HHZ		40.2	355	90	P		28.38	7.89	7.98	0.00	-0.09	1.09		0.199	1.00	29	2.90	D			
LSK	AC	HHN		40.2	355	90		6	0.00-20.49	7.98	0.00			0.00		0.000	1.00				13	.50	3.23 L
							S		34.86	14.37	13.97	0.00	0.41	0.48S		0.063							
SRN	AC	HHZ		56.0	281	90	P		30.96	10.47	10.50	0.00	-0.03	1.09		0.146	1.00	31	2.97	D			
SRN	AC	HHN		56.0	281	90		6	0.00-20.49	10.50	0.00			0.00		0.000	1.00				4.8	.28	2.96 L
							S		38.90	18.41	18.38	0.00	0.03	1.09S		0.408							
KBN	AC	HHZ		93.5	7	90	P		36.81	16.32	16.47	0.00	-0.15	1.09		0.246	1.00	30	2.98	D			
KBN	AC	HHN		93.5	7	90		6	0.00-20.49	16.47	0.00			0.00		0.000	1.00				1.7	.41	2.90 L
							S		49.49	29.00	28.82	0.00	0.18	1.09S		0.409							
LKD2	AC	HHZ		111.1	179	90	P		39.66	19.17	19.28	0.00	-0.11	1.09		0.293							
LKD2	AC	HHN		111.1	179	90	S		54.44	33.95	33.74	0.00	0.21	1.09S		0.487							
VLO	AC	HHZ		123.6	308	90	P		42.91	22.42	21.28	0.00	1.14*	0.00		0.000	1.00	39	3.23	D			
VLO	AC	HHE		123.6	308	90	S		57.72	37.23	37.24	0.00	-0.01	1.09S		0.337							
PHP	AC	HHZ		211.2	356	56	P		55.01	34.52	34.73	0.00	-0.21	1.09		0.263							
PHP	AC	HHN		211.2	356	56		6	60.00	39.51	34.73	0.00		0.00		0.000	1.00				0.531	1.00	3.15 L
							S		81.38	60.89	60.78	0.00	0.11	1.09S		0.760							

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-15 2014 48.32 39 45.64 20E47.58 8.06 0.28 0.72 1.29 5.61 5.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 23 32 46.3 At1 126 9 0 20 8 22 6.00 0.09 L 0.00 0.00 D

1 15 OCT 2016, 20:14 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.31 162 79>-< 0.73 273 3>-< 0.40 4 9>

REGION= Greqi (Greece)



STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LSK	AC	HHZ		46.3	340	93	P		57.27	8.95	8.59	0.00	0.36	1.13		0.155			
LSK	AC	HHN		46.3	340	93		6	60.00	11.68	8.59	0.00		0.00		0.000	1.00	3387 .50	5.66 L
							S		63.54	15.22	15.03	0.00	0.19	1.13S		0.314			
IGT	AC	HHZ		47.2	238	93	P		57.02	8.70	8.75	0.00	-0.05	1.13		0.157			
IGT	AC	HHE		47.2	238	93	S		63.30	14.98	15.31	0.00	-0.33	1.13S		0.364			
SRN	AC	HHZ		69.1	282	91	P		60.26	11.94	12.52	0.00	-0.48	1.02		0.117			
SRN	AC	HHN		69.1	282	91		6	60.00	11.68	12.52	0.00		0.00		0.000	1.00	1658 .37	5.66 L
							S		69.06	20.74	21.91	0.00	-0.47	0.01S		0.000			
KBN	AC	HHZ		95.8	0	91	P		65.22	16.90	17.11	0.00	-0.21	1.13		0.182			
KBN	AC	HHE		95.8	0	91		6	60.00	11.68	17.11	0.00		0.00		0.000	1.00	5141.25	5.38 L
							S		78.13	29.81	29.94	0.00	-0.13	1.13S		0.321			
LKD2	AC	HHZ		108.5	187	91	P		67.72	19.40	19.30	0.00	0.10	1.13		0.239			
LKD2	AC	HHN		108.5	187	91	S		82.47	34.15	33.77	0.00	0.38	1.13S		0.407			
VLO	AC	HHZ		135.7	306	68	P		72.51	24.19	23.91	0.00	0.28	1.13		0.075			
VLO	AC	HHN		135.7	306	68	S		89.87	41.55	41.84	0.00	-0.29	1.13S		0.260			
BPA1	AC	HHZ		144.2	319	68	P		73.79	25.47	25.26	0.00	0.21	1.13		0.064			
BPA1	AC	HHE		144.2	319	68	S		92.72	44.40	44.21	0.00	0.19	1.13S		0.199			
BPA2	AC	HHZ		146.9	318	68	P		74.15	25.83	25.69	0.00	0.14	1.13		0.064			
TIR	AC	HHZ		193.0	337	68	P		80.33	32.01	33.04	0.00	-1.03*	0.12		0.000			
TIR	AC	HHE		193.0	337	68		6	60.00	11.68	33.04	0.00		0.00		0.000	1.00	1711.55	5.55 L
							S		106.42	58.10	57.82	0.00	0.28	1.13S		0.151			
SCTE	AC	HHZ		201.8	281	68	P		80.46	32.14	34.46	0.00	-1.32*	0.00		0.000			
SCTE	AC	HHN		201.8	281	68		6	60.00	11.68	34.46	0.00		0.00		0.000	1.00	77 .41	5.25 L
THE	AC	HHZ		208.6	61	68	P		83.48	35.16	35.53	0.00	-0.37	1.13		0.411			
PHP	AC	HHZ		215.7	353	55	P		84.96	36.64	36.60	0.00	0.04	1.13		0.134			
PHP	AC	HHN		215.7	353	55		6	60.00	11.68	36.60	0.00		0.00		0.000	1.00	1921.22	5.72 L
							S		112.24	63.92	64.05	0.00	-0.13	1.13S		0.338			
BCI	AC	HHZ		295.8	349	50	P		94.74	46.42	47.23	0.00	-0.81*	0.56		0.039			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	15	2018	42.02	39 43.92	20E44.60	7.24	0.54	1.39	2.85	4.09	3.66 4.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
19	26	41.9	At1	183	8	0	18	7	19		4.00 0.16 L	4.00 0.12 D	

1 15 OCT 2016, 20:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.89 245 79>-< 1.41 99 8>-< 0.76 8 5>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
-----	-----	-----	----	------	-----	----	-----	----	-----	-------	-------	------	-------	----	----	------	-----	--------------	------------------

IGT	AC	HHZ	41.9	239	92	P	49.99	7.97	7.83	0.00	0.14	1.07	0.133								
IGT	AC	HHE	41.9	239	92	S	56.01	13.99	13.70	0.00	0.29	1.07S	0.308								
LSK	AC	HHZ	48.0	346	91	P	50.97	8.95	8.88	0.00	0.07	1.07	0.159	1.00	74	3.57	D				
LSK	AC	HHN	48.0	346	91		6	0.00	-42.02	8.88	0.00	0.00	0.000	1.00				128	.47	4.25	L
						S		57.73	15.71	15.54	0.00	0.17	1.07S	0.254							
SRN	AC	HHZ	65.7	285	91	P	53.59	11.57	11.93	0.00	-0.36	1.07	0.101	1.00	67	3.51	D				
SRN	AC	HHN	65.7	285	91		6	60.00	17.98	11.93	0.00	0.00	0.000	1.00				34	.37	3.93	L
						S		62.43	20.41	20.88	0.00	-0.47	1.07S	0.326							
KBN	AC	HHZ	99.1	2	90	P	58.99	16.97	17.65	0.00	-0.48	1.06	0.209	1.00	92	3.81	D				
KBN	AC	HHN	99.1	2	90		6	60.00	17.98	17.65	0.00	0.00	0.000	1.00				17	.60	3.93	L
						S		73.35	31.33	30.89	0.00	0.44	1.07S	0.325							
LKD2	AC	HHZ	104.9	185	90	P	60.71	18.69	18.66	0.00	0.03	1.07	0.300								
LKD2	AC	HHE	104.9	185	90	S	74.86	32.84	32.65	0.00	0.19	1.07S	0.475								
VLO	AC	HHZ	134.2	308	90	P	66.80	24.78	23.69	0.00	1.09*	0.65	0.032	1.00	82	3.74	D				
VLO	AC	HHN	134.2	308	90	S	83.60	41.58	41.46	0.00	0.12	1.07S	0.254								
BPA1	AC	HHZ	143.8	321	68	P	68.16	26.14	25.25	0.00	0.49	0.93	0.080								
BPA2	AC	HHZ	146.4	320	68	P	68.56	26.54	25.67	0.00	0.47	0.95	0.084								
TIR	AC	HHZ	194.2	338	68	P	74.30	32.28	33.29	0.00	-1.01*	0.76	0.054								
SCTE	AC	HHZ	198.3	282	68	P	75.03	33.01	33.94	0.00	-0.93*	0.87	0.106								
THE	AC	HHZ	213.8	61	55	P	76.01	33.99	36.41	0.00	-0.42	0.00	0.000								
PHP	AC	HHZ	218.3	354	55	P	78.23	36.21	37.05	0.00	-0.84*	0.97	0.177								
PHP	AC	HHN	218.3	354	55		6	60.00	17.98	37.05	0.00	0.00	0.000	1.00				6.0	.92	4.24	L
						S		107.23	65.21	64.84	0.00	0.37	1.07S	0.613							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	15	2022	30.21	39 44.72	20E45.59	4.51	0.32	1.08	2.43	3.63	3.23 3.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
18	25	43.9	At1	184	11	0	14	6	17		5.00	0.18 L	4.00	0.13	D

1 15 OCT 2016, 20:22 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.44 125 85>-< 1.08 275 3>-< 0.47 5 2>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
IGT	AC	HHZ		43.9	238	62	P		37.93	7.72	8.30	0.00	-0.48	1.04		0.187					
IGT	AC	HHN		43.9	238	62	S		44.72	14.51	14.53	0.00	-0.02	1.11S		0.510					
LSK	AC	HHZ		47.0	344	62	P		39.09	8.88	8.83	0.00	0.05	1.11		0.185	1.00	44	3.13	D	
LSK	AC	HHN		47.0	344	62		6	0.00	-30.21	8.83	0.00	0.00	0.000	1.00			58	.74	3.89	L
						S			45.64	15.43	15.45	0.00	-0.02	1.11S		0.209					
SRN	AC	HHZ		66.7	284	62	P		41.66	11.45	12.23	0.00	-0.48	0.72		0.091	1.00	40	3.07	D	
SRN	AC	HHN		66.7	284	62		6	0.00	-30.21	12.23	0.00	0.00	0.000	1.00			17	.36	3.63	L



S 79.80 40.61 40.49 0.00 0.11 1.08S 0.330

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-15 2030 43.32 39 47.72 20E41.39 6.04 0.29 0.86 2.49 2.75 2.65 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
12 18 40.1 At1 177 9 0 12 6 12 - 4.00 0.14 L 1.00 0.00 D

1 15 OCT 2016, 20:30 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 27.49 0 90>-< 0.86 275 0>-< 0.48 4 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER	-W-XMAG-T
LSK	AC	HHZ		40.1	349	90	P		51.49	8.17	7.52	0.00	0.45	0.29		0.012	1.00	25	2.65	D		
LSK	AC	HHN		40.1	349	90		6	0.00	-43.32	7.52	0.00		0.00		0.000	1.00		5.2	.50	2.78	L
							S		56.66	13.34	13.16	0.00	0.18	1.10S		0.280						
IGT	AC	HHZ		42.6	227	90	P		50.80	7.48	7.94	0.00	-0.46	0.90		0.107						
IGT	AC	HHN		42.6	227	90	S		57.33	14.01	13.90	0.00	0.11	1.10S		0.330						
SRN	AC	HHZ		59.7	280	90	P		53.79	10.47	10.89	0.00	-0.42	1.00		0.157						
SRN	AC	HHN		59.7	280	90		6	60.00	16.68	10.89	0.00		0.00		0.000	1.00		2.6	.28	2.71	L
							S		62.12	18.80	19.06	0.00	-0.26	1.10S		0.434						
KBN	AC	HHZ		92.4	5	90	P		59.59	16.27	16.50	0.00	-0.23	1.10		0.253						
KBN	AC	HHN		92.4	5	90		6	60.00	16.68	16.50	0.00		0.00		0.000	1.00		0.75	.47	2.52	L
							S		72.09	28.77	28.88	0.00	-0.11	1.10S		0.387						
LKD2	AC	HHZ		111.7	182	90	P		63.00	19.68	19.83	0.00	-0.15	1.10		0.341						
LKD2	AC	HHE		111.7	182	90	S		78.44	35.12	34.70	0.00	0.42	1.00S		0.448						
VLO	AC	HHZ		126.3	307	90	P		65.97	22.65	22.33	0.00	0.32	1.10		0.336						
VLO	AC	HHE		126.3	307	90		6	60.00	16.68	22.33	0.00		0.00		0.000	1.00		2.2	.41	3.24	L
							S		82.77	39.45	39.08	0.00	0.37	1.08S		0.910						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-15 2033 40.05 39 43.52 20E41.51 1.52 0.26 0.79 1.62 3.34 3.14 3.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 21 37.8 At1 178 14 0 14 6 15 4.00 0.25 L 4.00 0.22 D

1 15 OCT 2016, 20:33 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.65 98 80>-< 0.81 273 9>-< 0.44 3 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		37.8	236	51	P		47.65	7.60	7.55	0.00	0.05	1.07		0.225			
IGT	AC	HHN		37.8	236	51	S		53.59	13.54	13.21	0.00	0.33	1.06S		0.394			
LSK	AC	HHZ		47.8	351	51	P		49.43	9.38	9.27	0.00	0.11	1.07		0.215	1.00	36	2.96 D
LSK	AC	HHN		47.8	351	51		6	0.00	-40.05	9.27	0.00		0.00		0.000	1.00		24 .68 3.51 L
							S		56.59	16.54	16.22	0.00	0.32	1.07S		0.338			
SRN	AC	HHZ		61.6	287	51	P		51.24	11.19	11.64	0.00	-0.45	0.92		0.155	1.00	32	2.88 D
SRN	AC	HHN		61.6	287	51		6	60.00	19.95	11.64	0.00		0.00		0.000	1.00		7.0 .30 3.17 L
							S		60.30	20.25	20.37	0.00	-0.12	1.07S		0.376			
KBN	AC	HHZ	100.1	4	51	P			57.67	17.62	18.25	0.00	-0.43	0.46		0.050	1.00	51	3.31 D
KBN	AC	HHN	100.1	4	51		6		60.00	19.95	18.25	0.00		0.00		0.000	1.00		2.1 .50 3.02 L
							S		71.95	31.90	31.94	0.00	-0.04	1.07S		0.470			
LKD2	AC	HHZ	104.0	182	51	P			59.13	19.08	18.92	0.00	0.16	1.07		0.340			
LKD2	AC	HHN	104.0	182	51	S			72.94	32.89	33.11	0.00	-0.22	1.07S		0.667			
VLO	AC	HHZ	131.2	310	51	P			63.78	23.73	23.60	0.00	0.13	1.07		0.186	1.00	56	3.41 D
VLO	AC	HHN	131.2	310	51		6		60.00	19.95	23.60	0.00		0.00		0.000	1.00		5.8 .50 3.69 L
							S		81.15	41.10	41.30	0.00	-0.20	1.07S		0.295			
BPA1	AC	HHZ	141.6	322	51	P			65.80	25.75	25.38	0.00	0.37	1.04		0.170			
TIR	AC	HHZ	193.3	340	46	P			73.34	33.29	33.74	0.00	-0.45	0.92		0.112			
PHP	AC	HHZ	218.6	355	46	P			76.06	36.01	37.78	0.00	-0.77*	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	15	2040	45.47	39 45.81	20E41.76	4.66	0.18	0.65	1.83	3.36	2.98 3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	40.6	At1	178	14	0	12	5	14		4.00 0.12 L	3.00 0.07 D	

1 15 OCT 2016, 20:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>--< 1.83 98 87>--< 0.65 275 2>--< 0.32 5 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		40.6	231	62	P		53.28	7.81	7.73	0.00	0.08	1.16		0.220			
IGT	AC	HHE		40.6	231	62	S		59.05	13.58	13.53	0.00	0.05	1.16S		0.434			
LSK	AC	HHZ		43.7	350	62	P		54.02	8.55	8.25	0.00	0.30	1.14		0.242	1.00	37	2.98 D
LSK	AC	HHE		43.7	350	62		6	60.00	14.53	8.25	0.00		0.00		0.000	1.00		19 .50 3.37 L
							S		60.12	14.65	14.44	0.00	0.21	1.16S		0.391			
SRN	AC	HHZ		60.9	283	62	P		56.43	10.96	11.22	0.00	-0.26	1.16		0.219	1.00	33	2.90 D
SRN	AC	HHN		60.9	283	62		6	60.00	14.53	11.22	0.00		0.00		0.000	1.00		11 .46 3.35 L
							S		65.03	19.56	19.63	0.00	-0.07	1.16S		0.539			
KBN	AC	HHZ	95.8	4	62	P			62.05	16.58	17.21	0.00	-0.43	0.23		0.012	1.00	38	3.05 D

KBN	AC	HHN	95.8	4	62	6	60.00	14.53	17.21	0.00	0.00	0.000	1.00	3.0	.46	3.14	L
						S	75.29	29.82	30.12	0.00	-0.30	1.15S	0.507				
LKD2	AC	HHZ	108.2	182	62	P	64.64	19.17	19.35	0.00	-0.18	1.16	0.379				
LKD2	AC	HHN	108.2	182	62	S	79.41	33.94	33.86	0.00	0.08	1.16S	0.650				
VLO	AC	HHZ	128.9	308	62	P	68.42	22.95	22.89	0.00	0.06	1.16	0.201				
VLO	AC	HHN	128.9	308	62	6	60.00	14.53	22.89	0.00	0.00	0.000	1.00	9.1	.41	3.87	L
						S	86.23	40.76	40.06	0.00	0.70*	0.06S	0.001				
BPA1	AC	HHZ	138.5	321	62	P	70.03	24.56	24.55	0.00	0.01	1.16	0.198				
TIR	AC	HHZ	189.5	339	55	P	77.22	31.75	32.76	0.00	-1.01*	0.00	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	15	2042	53.76	39 45.22	20E44.25	1.84	0.24	0.77	1.67	3.31	3.41	3.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	42.8	At1	182	7	0	12	6	14		4.00	0.21	L 3.00 0.12 D

1 15 OCT 2016, 20:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.72 95 76>-< 0.80 273 13>-< 0.43 3 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		42.8	235	51	P		62.20	8.44	8.36	0.00	0.08	1.01		0.256			
IGT	AC	HHN		42.8	235	51	S		68.32	14.56	14.63	0.00	-0.07	1.01S		0.379			
LSK	AC	HHZ		45.6	345	51	P		62.58	8.82	8.84	0.00	-0.02	1.01		0.206	1.00	51	3.26 D
LSK	AC	HHN		45.6	345	51	6		60.00	6.24	8.84	0.00	0.00	0.00		0.000	1.00		24 .75 3.49 L
							S		68.97	15.21	15.47	0.00	-0.26	1.01S		0.323			
SRN	AC	HHZ		64.6	283	51	P		63.99	10.23	12.12	0.00	-0.89*	0.00		0.000	1.00	60	3.41 D
SRN	AC	HHN		64.6	283	51	6		60.00	6.24	12.12	0.00	0.00	0.00		0.000	1.00		5.1 .28 3.08 L
							S		74.71	20.95	21.21	0.00	-0.26	1.01S		0.390			
KBN	AC	HHZ		96.7	2	51	P		71.02	17.26	17.62	0.00	-0.36	0.99		0.246	1.00	67	3.53 D
KBN	AC	HHE		96.7	2	51	6		60.00	6.24	17.62	0.00	0.00	0.00		0.000	1.00		2.81.00 3.13 L
							S		84.90	31.14	30.83	0.00	0.31	1.01S		0.498			
LKD2	AC	HHZ		107.3	184	51	P		73.33	19.57	19.45	0.00	0.12	1.01		0.338			
LKD2	AC	HHE		107.3	184	51	S		87.78	34.02	34.04	0.00	-0.02	1.01S		0.674			
VLO	AC	HHZ		132.3	308	51	P		77.89	24.13	23.75	0.00	0.38	0.98		0.205			
VLO	AC	HHN		132.3	308	51	6		60.00	6.24	23.75	0.00	0.00	0.00		0.000	1.00		5.7 .56 3.69 L
							S		95.72	41.96	41.56	0.00	0.40	0.96S		0.277			
BPA2	AC	HHZ		144.3	320	51	P		79.48	25.72	25.80	0.00	-0.08	1.01		0.202			
TIR	AC	HHZ		191.8	338	46	P		85.97	32.21	33.45	0.00	-1.24*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-15 2049 35.35 39 43.71 20E41.54 2.01 0.15 0.54 1.21 2.29 2.44 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 38.0 At1 178 6 0 9 4 10 # 3.00 0.03 L 3.00 0.02 D

1 15 OCT 2016, 20:49 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.21 118 86>-< 0.54 282 3>-< 0.32 192 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T		
IGT	AC	HHZ		38.0	236	61	P		43.27	7.92	7.78	0.00	0.14	1.15		0.403								
IGT	AC	HHN		38.0	236	61	S		49.17	13.82	13.61	0.00	0.20	1.11S		0.416								
LSK	AC	HHZ		47.5	351	51	P		44.55	9.20	9.42	0.00	-0.22	1.04		0.247	1.00	19	2.42	D				
LSK	AC	HHE		47.5	351	51		6	0.00	-35.35	9.42	0.00		0.00		0.000	1.00				1.5	.40	2.32	L
							S		52.27	16.92	16.49	0.00	0.44	0.03S		0.000								
SRN	AC	HHZ		61.6	287	51	P		46.94	11.59	11.84	0.00	-0.25	0.90		0.154	1.00	19	2.44	D				
SRN	AC	HHN		61.6	287	51		6	0.00	-35.35	11.84	0.00		0.00		0.000	1.00				0.78	.40	2.22	L
							S		55.91	20.56	20.72	0.00	-0.16	1.15S		0.639								
KBN	AC	HHZ		99.7	4	51	P		53.66	18.31	18.40	0.00	-0.09	1.15		0.343	1.00	26	2.74	D				
KBN	AC	HHN		99.7	4	51		6	60.00	24.65	18.40	0.00		0.00		0.000	1.00				0.39	.63	2.29	L
							S		67.54	32.19	32.20	0.00	-0.01	1.15S		0.637								
LKD2	AC	HHZ		104.3	182	51	P		54.47	19.12	19.19	0.00	-0.07	1.15		0.363								
LKD2	AC	HHE		104.3	182	51	S		68.95	33.60	33.58	0.00	0.02	1.15S		0.794								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-15 2052 47.33 39 45.30 20E42.57 6.12 0.15 0.65 1.42 1.98 2.44 2.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 11 16 41.0 At1 180 9 0 8 5 10 - 3.00 0.12 L 3.00 0.17 D

1 15 OCT 2016, 20:52 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 17.42 0 90>-< 0.65 284 0>-< 0.31 13 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T		
IGT	AC	HHZ		41.0	233	90	P		55.22	7.89	7.67	0.00	0.22	1.12		0.214								
IGT	AC	HHN		41.0	233	90	S		60.81	13.48	13.42	0.00	0.06	1.12S		0.534								
LSK	AC	HHZ		44.8	348	90	P		55.71	8.38	8.33	0.00	0.05	1.12		0.243	1.00	16	2.27	D				
LSK	AC	HHN		44.8	348	90	S		62.03	14.70	14.58	0.00	0.12	1.12S		0.305								
LSK	AC	HHE		44.8	348	90		6	60.00	12.67	8.33	0.00		0.00		0.000	1.00				1.3	.41	2.21	L





REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		48.9	242	62	P		66.90	8.57	9.09	0.00	-0.22	1.12		0.177			
IGT	AC	HHN		48.9	242	62	S		73.98	15.65	15.91	0.00	-0.26	1.17S		0.366			
LSK	AC	HHZ		49.1	337	62	P		67.81	9.48	9.12	0.00	0.36	1.17		0.171	1.00	66	3.48 D
LSK	AC	HHE		49.1	337	62	S		74.16	15.83	15.96	0.00	-0.13	1.17S		0.140			
LSK	AC	HHN		49.1	337	62		6	60.00	1.67	9.12	0.00		0.00		0.000	1.00		113 .80 4.21 L
SRN	AC	HHZ		72.5	283	62	P		70.24	11.91	13.14	0.00	-1.23*	0.00		0.000	1.00	93	3.79 D
SRN	AC	HHE		72.5	283	62		6	60.00	1.67	13.14	0.00		0.00		0.000	1.00		164 .37 4.69 L
							S		79.83	21.50	22.99	0.00	-1.49*	0.00S		0.000			
KBN	AC	HHZ		97.7	358	62	P		75.74	17.41	17.47	0.00	-0.06	1.17		0.196	1.00	116	4.00 D
KBN	AC	HHE		97.7	358	62		6	60.00	1.67	17.47	0.00		0.00		0.000	1.00		26 .62 4.09 L
							S		89.25	30.92	30.57	0.00	0.35	1.17S		0.157			
LKD2	AC	HHZ		107.1	188	62	P		77.99	19.66	19.09	0.00	0.47	1.08		0.226			
LKD2	AC	HHN		107.1	188	62	S		92.03	33.70	33.41	0.00	0.29	1.17S		0.507			
VLO	AC	HHZ		139.2	306	62	P		83.36	25.03	24.61	0.00	0.42	1.17		0.162			
VLO	AC	HHN		139.2	306	62	S		101.59	43.26	43.07	0.00	0.19	1.17S		0.199			
BPA1	AC	HHZ		147.5	318	55	P		83.84	25.51	26.00	0.00	-0.49	1.14		0.094			
BPA1	AC	HHE		147.5	318	55	S		103.86	45.53	45.50	0.00	0.03	1.17S		0.208			
BPA2	AC	HHZ		150.3	318	55	P		84.38	26.05	26.43	0.00	-0.38	1.17		0.098			
TIR	AC	HHZ		195.8	336	55	P		91.01	32.68	33.70	0.00	-1.02*	0.15		0.001			
TIR	AC	HHE		195.8	336	55	S		117.46	59.13	58.98	0.00	0.15	1.17S		0.174			
TIR	AC	HHN		195.8	336	55		6	120.00	61.67	33.70	0.00		0.00		0.000	1.00		8.5 .66 4.26 L
THE	AC	HHZ		206.8	60	55	P		93.77	35.44	35.44	0.00	0.00	1.17		0.269			
THE	AC	HHN		206.8	60	55	S		120.03	61.70	62.02	0.00	-0.32	1.17S		0.529			
PHP	AC	HHZ		217.9	352	47	P		94.52	36.19	37.20	0.00	-1.01*	0.17		0.001			
PHP	AC	HHN		217.9	352	47	S		123.48	65.15	65.10	0.00	0.05	1.17S		0.317			

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	16	0009	58.70	39 44.89	20E42.86	1.58	0.31	0.71	0.58	5.07	4.90	5.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	
21	31	40.8	At1	121	8	0	19	10	21		5.00	0.11 L	2.00	0.05 D

1 16 OCT 2016, 0:09 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.61 112 78>-< 0.72 270 10>-< 0.45 1 4>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		40.8	235	51	P		66.97	8.27	8.06	0.00	0.21	1.05		0.186			

IGT	AC	HHN	40.8	235	51	S	72.57	13.87	14.10	0.00	-0.23	1.05S	0.346				
LSK	AC	HHZ	45.7	348	51	P	67.76	9.06	8.89	0.00	0.17	1.05	0.143	1.00	184	4.34	D
LSK	AC	HHN	45.7	348	51		60.00	1.30	8.89	0.00		0.00	0.000	1.00			1155 .50 5.18 L
						S	74.42	15.72	15.56	0.00	0.16	1.05S	0.177				
SRN	AC	HHZ	62.9	284	51	P	70.13	11.43	11.84	0.00	-0.41	1.03	0.160	1.00	161	4.25	D
SRN	AC	HHN	62.9	284	51		60.00	1.30	11.84	0.00		0.00	0.000	1.00			533 .41 5.07 L
						S	78.93	20.23	20.72	0.00	-0.49	0.94S	0.203				
KBN	AC	HHZ	97.4	3	51	P	76.15	17.45	17.78	0.00	-0.33	1.05	0.168				
KBN	AC	HHN	97.4	3	51		60.00	1.30	17.78	0.00		0.00	0.000	1.00			861.32 4.62 L
						S	90.03	31.33	31.11	0.00	0.22	1.05S	0.262				
LKD2	AC	HHZ	106.6	183	51	P	78.38	19.68	19.36	0.00	0.32	1.05	0.250				
LKD2	AC	HHN	106.6	183	51	S	92.76	34.06	33.88	0.00	0.18	1.05S	0.583				
VLO	AC	HHZ	131.1	308	51	P	82.57	23.87	23.58	0.00	0.29	1.05	0.147				
VLO	AC	HHN	131.1	308	51	S	99.81	41.11	41.26	0.00	-0.15	1.05S	0.183				
BPA1	AC	HHZ	140.8	321	51	P	84.32	25.62	25.24	0.00	0.38	1.05	0.136				
BPA1	AC	HHE	140.8	321	51	S	103.22	44.52	44.17	0.00	0.35	1.05S	0.154				
BPA2	AC	HHZ	143.5	320	51	P	84.09	25.39	25.69	0.00	-0.30	1.05	0.138				
BPA2	AC	HHN	143.5	320	51	S	104.00	45.30	44.96	0.00	0.34	1.05S	0.155				
TIR	AC	HHZ	191.6	339	46	P	90.84	32.14	33.46	0.00	-1.32*	0.00	0.000				
TIR	AC	HHE	191.6	339	46		60.00	1.30	33.46	0.00		0.00	0.000	1.00			50 .81 5.01 L
						S	118.05	59.35	58.56	0.00	0.79*	0.26S	0.012				
THE	AC	HHZ	215.2	62	46	P	95.50	36.80	37.22	0.00	-0.42	1.02	0.325				
PHP	AC	HHZ	216.3	354	46	P	94.74	36.04	37.39	0.00	-1.35*	0.00	0.000				
PHP	AC	HHN	216.3	354	46		120.00	61.30	37.39	0.00		0.00	0.000	1.00			64 .69 5.25 L
						S	123.79	65.09	65.43	0.00	-0.34	1.05S	0.263				

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0041	13.70	39 46.38	20E45.58	3.93	0.36	0.62	2.30	5.13	4.9 5.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	29	44.0	At1	123	11	0	16	8	19		4.00	0.12 L	0.00 0.00 D

1 16 OCT 2016, 0:41 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.30 160 88>-< 0.62 99 0>-< 0.51 9 1>

REGION= Greqi (Greece)0

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LSK	AC	HHZ		44.0	342	62	P		22.37	8.67	8.38	0.00	0.29	1.17		0.181			
LSK	AC	HHE		44.0	342	62	S		30.34	16.64	14.66	0.00	0.47	0.00S		0.000			
LSK	AC	HHN		44.0	342	62		6	0.00	-13.70	8.38	0.00		0.00		0.000	1.00	1486 .56 5.27 L	
IGT	AC	HHZ		45.6	235	62	P		21.50	7.80	8.65	0.00	-0.85*	0.84		0.113			



STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T					
							S		48.36	31.02	30.78	0.00	0.24	1.00S												
LKD2	AC	HHZ		105.4	183	62	P		35.10	17.76	18.77	0.00	-0.21	0.00												
LKD2	AC	HHN		105.4	183	62	S		50.09	32.75	32.85	0.00	-0.10	1.00S												
VLO	AC	HHZ		131.8	309	62	P		40.80	23.46	23.30	0.00	0.16	1.00			0.169	1.00	86		3.78			D		
VLO	AC	HHN		131.8	309	62	S		58.18	40.84	40.77	0.00	0.07	1.00S												
BPA1	AC	HHZ		141.7	321	62	P		42.57	25.23	25.00	0.00	0.23	1.00												
BPA1	AC	HHE		141.7	321	62	S		60.75	43.41	43.75	0.00	-0.34	0.99S												
BPA2	AC	HHZ		144.3	321	55	P		42.84	25.50	25.45	0.00	0.05	1.00												
TIR	AC	HHZ		192.7	339	55	P		48.56	31.22	33.16	0.00	-1.94*	0.00												
TIR	AC	HHN		192.7	339	55		6	60.00	42.66	33.16	0.00		0.00								471.27		4.99	L	
PHP	AC	HHZ		217.4	355	47	P		52.79	35.45	37.09	0.00	-1.64*	0.00												
PHP	AC	HHN		217.4	355	47		6	60.00	42.66	37.09	0.00		0.00								381.22		5.03	L	

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-16 0115 59.48 39 44.76 20E42.54 3.96 0.26 0.83 2.43 4.26 4.00 4.2

NSTA NPNS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE L F X  
19 25 40.3 At1 180 12 0 14 6 16 5.00 0.05 L 3.00 0.00 D

1 16 OCT 2016, 1:15 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.44 96 84>-< 0.83 272 5>-< 0.43 2 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T					
IGT	AC	HHZ		40.3	234	62	P		67.34	7.86	7.74	0.00	0.12	1.07												
IGT	AC	HHN		40.3	234	62	S		73.25	13.77	13.55	0.00	0.23	1.07S												
LSK	AC	HHZ		45.8	349	62	P		68.19	8.71	8.68	0.00	0.03	1.07			0.210	1.00	123		4.00					
LSK	AC	HHE		45.8	349	62		6	60.00	0.52	8.68	0.00		0.00							141	.63		4.26	L	
							S		74.70	15.22	15.19	0.00	0.03	1.07S												
SRN	AC	HHZ		62.5	285	62	P		70.39	10.91	11.54	0.00	-0.43	0.68			0.082	1.00	90		3.75					
SRN	AC	HHN		62.5	285	62	S		79.37	19.89	20.19	0.00	-0.31	1.07S												
SRN	AC	HHE		62.5	285	62		6	60.00	0.52	11.54	0.00		0.00							93	.30		4.31	L	
KBN	AC	HHZ		97.7	3	62	P		76.37	16.89	17.59	0.00	-0.70*	0.50												
KBN	AC	HHE		97.7	3	62		6	60.00	0.52	17.59	0.00		0.00							16	.75		3.89	L	
							S		90.37	30.89	30.78	0.00	0.11	1.07S												
LKD2	AC	HHZ		106.3	183	62	P		78.83	19.35	19.08	0.00	0.27	1.07												
LKD2	AC	HHE		106.3	183	62	S		92.59	33.11	33.39	0.00	-0.28	1.07S												
VLO	AC	HHZ		130.9	309	62	P		83.15	23.67	23.31	0.00	0.36	1.07			0.178	1.00	112		4.00				D	
VLO	AC	HHN		130.9	309	62	S		100.49	41.01	40.79	0.00	0.22	1.07S												
BPA1	AC	HHZ		140.7	321	62	P		84.17	24.69	24.99	0.00	-0.30	1.07												
BPA2	AC	HHZ		143.4	321	62	P		84.85	25.37	25.44	0.00	-0.07	1.07												
TIR	AC	HHZ		191.7	339	55	P		91.44	31.96	33.19	0.00	-1.23*	0.00												

TIR	AC	HHN	191.7	339	55	6	120.00	60.52	33.19	0.00	0.00	0.000	1.00	4.9	.63	4.00	L
PHP	AC	HHZ	216.5	355	55	P	95.15	35.67	37.15	0.00	-1.48*	0.00	0.000				
PHP	AC	HHN	216.5	355	55	6	120.00	60.52	37.15	0.00	0.00	0.000	1.00	6.8	.57	4.28	L

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0132	4.16	39 45.42	20E42.20	2.23	0.24	0.68	1.44	5.04	4.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	27	40.7	At1	179	9	0	16	7	18		5.00	0.11	L
											0.00	0.00	D

1 16 OCT 2016, 1:32 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.48 99 77>-< 0.69 271 12>-< 0.38 1 1>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
IGT	AC	HHZ		40.7	233	51	P		12.49	8.33	8.22	0.00	0.11	1.11		0.220					
IGT	AC	HHE		40.7	233	51	S		18.63	14.47	14.39	0.00	0.08	1.11S		0.361					
LSK	AC	HHZ		44.5	349	51	P		13.76	9.60	8.88	0.00	0.72*	0.61		0.059					
LSK	AC	HHN		44.5	349	51		6	0.00	-4.16	8.88	0.00		0.00		0.000	1.00	1134	.50	5.15	L
							S		19.70	15.54	15.54	0.00	0.00	1.11S		0.289					
SRN	AC	HHZ		61.7	284	51	P		15.76	11.60	11.83	0.00	-0.23	1.11		0.210					
SRN	AC	HHE		61.7	284	51		6	0.00	-4.16	11.83	0.00		0.00		0.000	1.00	516	.50	5.04	L
							S		24.68	20.52	20.70	0.00	-0.18	1.11S		0.322					
KBN	AC	HHZ		96.5	4	51	P		21.80	17.64	17.81	0.00	-0.17	1.11		0.247					
KBN	AC	HHE		96.5	4	51		6	0.00	-4.16	17.81	0.00		0.00		0.000	1.00	100	.93	4.67	L
							S		35.38	31.22	31.17	0.00	0.05	1.11S		0.447					
LKD2	AC	HHZ		107.5	183	51	P		23.66	19.50	19.71	0.00	-0.21	1.11		0.310					
LKD2	AC	HHE		107.5	183	51	S		38.74	34.58	34.49	0.00	0.09	1.11S		0.650					
VLO	AC	HHZ		129.8	308	51	P		29.11	24.95	23.53	0.00	0.42	0.00		0.000					
VLO	AC	HHN		129.8	308	51	S		45.42	41.26	41.18	0.00	0.08	1.11S		0.241					
BPA1	AC	HHZ		139.5	321	51	P		29.54	25.38	25.19	0.00	0.19	1.11		0.173					
BPA2	AC	HHZ		142.1	320	51	P		30.25	26.09	25.65	0.00	0.44	1.09		0.166					
BPA2	AC	HHN		142.1	320	51	S		48.92	44.76	44.89	0.00	-0.13	1.11S		0.213					
TIR	AC	HHZ		190.4	339	46	P		37.01	32.85	33.47	0.00	-0.62*	0.85		0.081					
TIR	AC	HHE		190.4	339	46		6	60.00	55.84	33.47	0.00		0.00		0.000	1.00	36	.72	4.85	L
PHP	AC	HHZ		215.2	355	46	P		40.65	36.49	37.43	0.00	-0.94*	0.14		0.002					
PHP	AC	HHN		215.2	355	46		6	60.00	55.84	37.43	0.00		0.00		0.000	1.00	431.12		5.07	L
THE	AC	HHZ		215.6	62	46	P		39.87	35.71	37.48	0.00	-0.77*	0.00		0.000					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0218 43.73 39 44.09 20E45.03 10.46 0.36 0.96 1.74 4.14 4.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 27 42.6 At1 184 9 0 16 7 18 6.00 0.10 L 0.00 0.00 D

1 16 OCT 2016, 2:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.75 159 82>-< 0.96 273 3>-< 0.52 4 7>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		42.6	239	97	P		51.75	8.02	8.00	0.00	0.02	1.11		0.149			
IGT	AC	HHN		42.6	239	97	S		57.85	14.12	14.00	0.00	0.12	1.11S		0.364			
LSK	AC	HHZ		47.9	345	96	P		53.33	9.60	8.90	0.00	0.20	0.90		0.110			
LSK	AC	HHE		47.9	345	96		6	0.00	-43.73	8.90	0.00		0.00		0.000	1.00	1131.01	4.20 L
							S		59.21	15.48	15.57	0.00	-0.09	1.11S		0.328			
SRN	AC	HHZ		66.2	285	94	P		55.46	11.73	12.04	0.00	-0.31	1.11		0.117			
SRN	AC	HHN		66.2	285	94		6	60.00	16.27	12.04	0.00		0.00		0.000	1.00	46 .63	4.07 L
							S		64.44	20.71	21.07	0.00	-0.36	1.11S		0.382			
KBN	AC	HHZ		98.7	1	92	P		61.27	17.54	17.62	0.00	-0.08	1.11		0.205			
KBN	AC	HHN		98.7	1	92		6	60.00	16.27	17.62	0.00		0.00		0.000	1.00	20 .50	4.00 L
							S		74.61	30.88	30.83	0.00	0.05	1.11S		0.344			
LKD2	AC	HHZ		105.3	185	92	P		62.80	19.07	18.74	0.00	0.33	1.11		0.291			
LKD2	AC	HHN		105.3	185	92	S		76.34	32.61	32.79	0.00	-0.19	1.11S		0.471			
VLO	AC	HHZ		134.5	308	68	P		68.46	24.73	23.56	0.00	1.17*	0.06		0.000			
VLO	AC	HHN		134.5	308	68		6	60.00	16.27	23.56	0.00		0.00		0.000	1.00	46 .37	4.61 L
							S		85.31	41.58	41.23	0.00	0.35	1.11S		0.353			
BPA1	AC	HHZ		143.9	321	68	P		69.66	25.93	25.07	0.00	0.86*	0.58		0.031			
BPA1	AC	HHN		143.9	321	68	S		87.61	43.88	43.87	0.00	0.01	1.11S		0.301			
BPA2	AC	HHZ		146.6	320	68	P		69.82	26.09	25.49	0.00	0.20	1.03		0.098			
TIR	AC	HHZ		194.2	338	68	P		76.31	32.58	33.08	0.00	-0.50	1.10		0.129			
TIR	AC	HHE		194.2	338	68		6	60.00	16.27	33.08	0.00		0.00		0.000	1.00	5.1 .43	4.03 L
PHP	AC	HHZ		218.1	354	50	P		79.91	36.18	36.69	0.00	-0.41	1.09		0.320			
PHP	AC	HHN		218.1	354	50		6	60.00	16.27	36.69	0.00		0.00		0.000	1.00	6.0 .81	4.23 L
							S		105.91	62.18	64.21	0.00	-1.03*	0.00S		0.000			

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0221 1.95 39 44.04 20E43.54 5.16 0.32 0.86 1.50 5.00 4.19 4.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 27 40.7 At1 181 7 0 17 7 17 5.00 0.15 L 3.00 0.09 D

1 16 OCT 2016, 2:21 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.51 92 84>-< 0.86 277 5>-< 0.47 7 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
IGT	AC	HHZ		40.7	237	62	P		10.14	8.19	7.97	0.00	0.22	1.20		0.223					
IGT	AC	HHE		40.7	237	62	S		16.10	14.15	13.95	0.00	0.20	1.20S		0.376					
LSK	AC	HHZ		47.4	347	62	P		11.69	9.74	9.12	0.00	0.42	0.93		0.108	1.00	153	4.19	D	
LSK	AC	HHN		47.4	347	62		6	0.00	-1.95	9.12	0.00		0.00		0.000	1.00		2509	.60	5.13 L
							S		17.74	15.79	15.96	0.00	-0.17	1.20S		0.319					
SRN	AC	HHZ		64.2	285	62	P		13.58	11.63	12.00	0.00	-0.37	1.20		0.184	1.00	136	4.10	D	
SRN	AC	HHN		64.2	285	62		6	0.00	-1.95	12.00	0.00		0.00		0.000	1.00		861	.36	5.30 L
							S		22.75	20.80	21.00	0.00	-0.20	1.20S		0.369					
KBN	AC	HHZ		98.9	3	62	P		19.54	17.59	17.97	0.00	-0.38	1.20		0.241	1.00	204	4.48	D	
KBN	AC	HHE		98.9	3	62	S		33.80	31.85	31.45	0.00	0.40	1.20S		0.466					
KBN	AC	HHN		98.9	3	62		6	0.00	-1.95	17.97	0.00		0.00		0.000	1.00		237	.68	5.07 L
LKD2	AC	HHZ		105.1	184	62	P		21.65	19.70	19.03	0.00	0.67*	0.80		0.175					
LKD2	AC	HHE		105.1	184	62	S		34.98	33.03	33.30	0.00	-0.27	1.20S		0.721					
VLO	AC	HHZ		132.9	309	62	P		26.05	24.10	23.80	0.00	0.30	1.20		0.157					
VLO	AC	HHN		132.9	309	62	S		43.59	41.64	41.65	0.00	-0.01	1.20S		0.300					
BPA1	AC	HHZ		142.7	321	62	P		27.43	25.48	25.48	0.00	0.00	1.20		0.150					
BPA1	AC	HHE		142.7	321	62	S		47.47	45.52	44.59	0.00	0.93*	0.16S		0.004					
BPA2	AC	HHZ		145.3	320	62	P		27.84	25.89	25.94	0.00	-0.05	1.20		0.151					
TIR	AC	HHZ		193.4	339	55	P		34.67	32.72	33.67	0.00	-0.95*	0.12		0.001					
TIR	AC	HHE		193.4	339	55		6	60.00	58.05	33.67	0.00		0.00		0.000	1.00		72	.60	5.18 L
PHP	AC	HHZ		217.9	354	55	P		38.81	36.86	37.58	0.00	-0.72*	0.64		0.046					
PHP	AC	HHN		217.9	354	55		6	60.00	58.05	37.58	0.00		0.00		0.000	1.00		100	.51	5.45 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0236 21.29 39 46.85 20E38.01 6.68 0.35 1.05 24.94 3.30 3.36 3.4

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 38.0 At1 171 13 0 10 5 12 - 4.00 0.22 L 2.00 0.08 D

1 16 OCT 2016, 2:36 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 24.94 261 89>-< 1.05 291 0>-< 0.62 201 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
IGT	AC	HHZ		38.0	224	91	P		27.23	5.94	7.17	0.00	-0.23	0.01		0.000					

IGT	AC	HHN	38.0	224	91	S	33.62	12.33	12.55	0.00	-0.22	1.12S	0.654							
LSK	AC	HHZ	41.1	356	91	P	28.58	7.29	7.69	0.00	-0.40	1.12	0.228	1.00	63	3.43	D			
LSK	AC	HHN	41.1	356	91		6	0.00-21.29	7.69	0.00		0.00	0.000	1.00			24	.72	3.45	L
						S		35.02	13.73	13.46	0.00	0.27	1.12S	0.636						
SRN	AC	HHZ	55.3	282	90	P	31.38	10.09	10.15	0.00	-0.06	1.12	0.147	1.00	52	3.28	D			
SRN	AC	HHN	55.3	282	90		6	0.00-21.29	10.15	0.00		0.00	0.000	1.00			4.8	.31	2.92	L
						S		38.82	17.53	17.76	0.00	-0.23	1.12S	0.429						
KBN	AC	HHZ	94.5	7	90	P	38.52	17.23	16.86	0.00	0.37	1.12	0.258							
KBN	AC	HHN	94.5	7	90		6	0.00-21.29	16.86	0.00		0.00	0.000	1.00			3.0	.56	3.14	L
						S		50.23	28.94	29.50	0.00	-0.56*	1.05S	0.315						
LKD2	AC	HHZ	110.1	178	90	P	41.14	19.85	19.55	0.00	0.30	1.12	0.674							
VLO	AC	HHZ	123.5	309	90	P	43.11	21.82	21.84	0.00	-0.02	1.12	0.236							
VLO	AC	HHN	123.5	309	90		6	60.00	38.71	21.84	0.00		0.00	0.000	1.00		5.1	.34	3.58	L
						S		60.14	38.85	38.22	0.00	0.63*	0.98S	0.417						
PHP	AC	HHZ	212.0	356	68	P	56.11	34.82	36.17	0.00	-1.35*	0.00	0.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0240	13.33	39 46.48	20E44.85	3.03	0.47	1.21	1.58	3.75	3.35 3.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
19	25	43.6	At1	183	7	0	16	6	16	#	5.00	0.05 L	2.00 0.13 D

1 16 OCT 2016, 2:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.67 96 75>-< 1.25 276 14>-< 0.69 6 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
LSK	AC	HHZ		43.6	344	51	P		22.77	9.44	8.74	0.00	0.70*	0.96	0.124					
LSK	AC	HHE		43.6	344	51		6	0.00-13.33	8.74	0.00		0.00			1.00	46	.36	3.75	L
							S		28.79	15.46	15.30	0.00	0.16	1.11S	0.307					
IGT	AC	HHZ		44.9	234	51	P		21.87	8.54	8.97	0.00	-0.43	1.11	0.222					
IGT	AC	HHN		44.9	234	51	S		28.95	15.62	15.70	0.00	-0.08	1.11S	0.368					
SRN	AC	HHZ		65.0	281	51	P		25.02	11.69	12.43	0.00	-0.74*	0.90	0.143	1.00	48	3.22	D	
SRN	AC	HHE		65.0	281	51	S		34.68	21.35	21.75	0.00	-0.40	1.11S	0.372					
SRN	AC	HHN		65.0	281	51		6	0.00-13.33	12.43	0.00		0.00	0.000	1.00		27	.47	3.80	L
KBN	AC	HHZ		94.3	2	51	P		30.90	17.57	17.47	0.00	0.10	1.11	0.215	1.00	62	3.47	D	
KBN	AC	HHN		94.3	2	51		6	0.00-13.33	17.47	0.00		0.00	0.000	1.00		5.7	.40	3.41	L
							S		43.62	30.29	30.57	0.00	-0.28	1.11S	0.480					
LKD2	AC	HHZ		109.7	185	51	P		33.18	19.85	20.10	0.00	-0.25	1.11	0.328					
LKD2	AC	HHE		109.7	185	51	S		49.15	35.82	35.17	0.00	0.65*	1.03S	0.625					
VLO	AC	HHZ		131.6	307	51	P		38.13	24.80	23.87	0.00	0.93*	0.50	0.036					
VLO	AC	HHN		131.6	307	51	S		55.57	42.24	41.77	0.00	0.47	1.11S	0.298					



BPA1	AC	HHZ	140.4	319	51	P	39.07	25.74	25.38	0.00	0.36	1.11	0.164							
BPA2	AC	HHZ	143.1	319	51	P	39.65	26.32	25.85	0.00	0.47	1.11	0.164							
TIR	AC	HHZ	190.0	338	46	P	45.90	32.57	33.44	0.00	-0.87*	0.64	0.042							
TIR	AC	HHN	190.0	338	46		6	60.00	46.67	33.44	0.00		0.00	0.000	1.00		1.6	.57	3.51	L
PHP	AC	HHZ	213.7	354	46	P	49.79	36.46	37.21	0.00	-0.75*	0.89	0.103							
PHP	AC	HHN	213.7	354	46		6	60.00	46.67	37.21	0.00		0.00	0.000	1.00		2.3			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0243	37.79	39 44.03	20E46.19	4.42	0.42	1.08	2.37	3.50	3.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	SOURCE	
19	25	43.9	At1	186	12	0	14	6	16		6.00	0.13	L	0.00	0.00	D	

1 16 OCT 2016, 2:43 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.40 93 82>-< 1.09 275 7>-< 0.59 5 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		43.9	240	62	P		45.98	8.19	8.32	0.00	-0.13	1.22		0.261			
IGT	AC	HHN		43.9	240	62	S		52.47	14.68	14.56	0.00	0.12	1.22S		0.382			
LSK	AC	HHZ		48.4	343	62	P		47.33	9.54	9.09	0.00	0.45	1.22		0.192			
LSK	AC	HHE		48.4	343	62		6	0.00	-37.79	9.09	0.00		0.00		0.000	1.00		22 .62 3.48 L
							S		53.39	15.60	15.91	0.00	-0.31	1.22S		0.312			
SRN	AC	HHZ		67.9	285	62	P		49.08	11.29	12.43	0.00	-0.14	0.38		0.022			
SRN	AC	HHN		67.9	285	62	S		58.95	21.16	21.75	0.00	-0.59*	1.21S		0.362			
SRN	AC	HHE		67.9	285	62		6	0.00	-37.79	12.43	0.00		0.00		0.000	1.00		12 .30 3.51 L
KBN	AC	HHZ		98.8	0	62	P		55.07	17.28	17.75	0.00	-0.47	1.22		0.248			
KBN	AC	HHN		98.8	0	62		6	60.00	22.21	17.75	0.00		0.00		0.000	1.00		4.2 .43 3.32 L
							S		68.85	31.06	31.06	0.00	0.00	1.22S		0.491			
LKD2	AC	HHZ		105.3	186	62	P		55.81	18.02	18.87	0.00	-0.85*	0.95		0.235			
LKD2	AC	HHN		105.3	186	62	S		71.15	33.36	33.02	0.00	0.34	1.22S		0.734			
VLO	AC	HHZ		135.9	308	62	P		62.29	24.50	24.12	0.00	0.38	1.22		0.198			
VLO	AC	HHE		135.9	308	62		6	60.00	22.21	24.12	0.00		0.00		0.000	1.00		14 .50 4.10 L
							S		80.26	42.47	42.21	0.00	0.26	1.22S		0.290			
BPA1	AC	HHZ		145.1	320	62	P		64.16	26.37	25.70	0.00	0.67*	1.17		0.168			
BPA2	AC	HHZ		147.8	319	55	P		63.89	26.10	26.14	0.00	-0.04	1.22		0.098			
TIR	AC	HHZ		194.9	338	55	P		70.11	32.32	33.66	0.00	-1.34*	0.10		0.000			
TIR	AC	HHE		194.9	338	55		6	60.00	22.21	33.66	0.00		0.00		0.000	1.00		1.0 .56 3.34 L
PHP	AC	HHZ		218.4	353	47	P		73.69	35.90	37.39	0.00	-1.49*	0.01		0.000			
PHP	AC	HHN		218.4	353	47		6	60.00	22.21	37.39	0.00		0.00		0.000	1.00		1.4 .68 3.60 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0312 44.91 39 44.58 20E43.66 4.40 0.38 1.43 1.36 3.23 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 17 41.5 At1 182 13 0 11 4 13 3.00 0.10 L 0.00 0.00 D

1 16 OCT 2016, 3:12 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 5.54 103 75>-< 1.23 280 14>-< 0.79 10 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		41.5	236	62	P		52.21	7.30	7.89	0.00	-0.49	1.05		0.293			
IGT	AC	HHE		41.5	236	62	S		59.00	14.09	13.81	0.00	0.28	1.06S		0.561			
LSK	AC	HHZ		46.5	347	62	P		53.80	8.89	8.76	0.00	0.13	1.06		0.226			
LSK	AC	HHN		46.5	347	62		6	60.00	15.09	8.76	0.00		0.00		0.000	1.00	10	.51 3.13 L
							S		60.08	15.17	15.33	0.00	-0.16	1.06S		0.683			
SRN	AC	HHZ		64.1	284	62	P		55.59	10.68	11.79	0.00	-0.11	0.43		0.056			
SRN	AC	HHE		64.1	284	62		6	60.00	15.09	11.79	0.00		0.00		0.000	1.00	7.4	.40 3.23 L
							S		65.11	20.20	20.63	0.00	-0.43	1.06S		0.383			
KBN	AC	HHZ		97.9	2	62	P		62.13	17.22	17.59	0.00	-0.37	1.06		0.303			
LKD2	AC	HHZ		106.1	184	62	P		64.11	19.20	19.00	0.00	0.20	1.06		0.626			
VLO	AC	HHZ		132.4	308	62	P		68.76	23.85	23.52	0.00	0.33	1.06		0.289			
VLO	AC	HHE		132.4	308	62		6	60.00	15.09	23.52	0.00		0.00		0.000	1.00	4.0	.41 3.53 L
							S		86.36	41.45	41.16	0.00	0.29	1.06S		0.325			
BPA2	AC	HHZ		144.6	320	62	P		71.02	26.11	25.62	0.00	0.49	1.06		0.249			
TIR	AC	HHZ		192.6	338	55	P		76.55	31.64	33.29	0.00	-0.65*	0.00		0.000			
PHP	AC	HHZ		217.0	354	55	P		80.38	35.47	37.18	0.00	-1.71*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0321 14.26 39 44.59 20E39.49 4.73 0.35 1.12 2.38 3.24 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 11 16 36.7 At1 175 7 0 10 5 11 3.00 0.22 L 0.00 0.00 D

1 16 OCT 2016, 3:21 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.41 100 80>-< 1.13 282 9>-< 0.57 192 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		36.7	231	51	P		21.34	7.08	7.33	0.00	-0.25	1.03		0.310			

IGT	AC	HHN	36.7	231	51	S	27.44	13.18	12.83	0.00	0.35	1.03S	0.421					
LSK	AC	HHZ	45.4	354	51	P	22.86	8.60	8.83	0.00	-0.23	1.03	0.280					
LSK	AC	HHE	45.4	354	51		6	0.00	-14.26	8.83	0.00	0.00	0.000	1.00	22	.80	3.46	L
						S		30.10	15.84	15.45	0.00	0.39	1.03S	0.384				
SRN	AC	HHZ	58.3	286	51	P	24.71	10.45	11.04	0.00	-0.49	0.81	0.220					
SRN	AC	HHN	58.3	286	51		6	0.00	-14.26	11.04	0.00	0.00	0.000	1.00	9.3	.36	3.24	L
						S		33.46	19.20	19.32	0.00	-0.12	1.03S	0.573				
KBN	AC	HHZ	98.4	6	51	P	32.37	18.11	17.93	0.00	0.18	1.03	0.304					
KBN	AC	HHE	98.4	6	51		6	0.00	-14.26	17.93	0.00	0.00	0.000	1.00	1.6	.74	2.90	L
						S		45.32	31.06	31.38	0.00	-0.32	1.03S	0.470				
LKD2	AC	HHZ	105.9	181	51	P	34.01	19.75	19.22	0.00	0.53*	0.92	0.311					
LKD2	AC	HHN	105.9	181	51	S	47.50	33.24	33.63	0.00	-0.39	1.03S	0.721					
VLO	AC	HHZ	127.7	310	51	P	38.36	24.10	22.97	0.00	1.13*	0.00	0.000					

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0340	20.62	39 45.48	20E42.88	13.72	0.32	0.81	1.47	5.06	5.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	27	41.5	At1	180	9	0	16	6	18		5.00	0.11	L
											0.00	0.00	D

1 16 OCT 2016, 3:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.60 266 67>-< 0.87 98 22>-< 0.47 6 4>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
IGT	AC	HHZ		41.5	233	103	P		28.54	7.92	7.92	0.00	0.00	1.13		0.181				
IGT	AC	HHN		41.5	233	103	S		34.59	13.97	13.86	0.00	0.11	1.13S		0.369				
LSK	AC	HHZ		44.6	348	102	P		28.97	8.35	8.44	0.00	-0.09	1.13		0.256				
LSK	AC	HHN		44.6	348	102		6	0.00	-20.62	8.44	0.00		0.00	0.000	1.00	1037	.63	5.14	L
							S		35.70	15.08	14.77	0.00	0.31	1.13S		0.436				
SRN	AC	HHZ		62.6	283	98	P		31.74	11.12	11.49	0.00	-0.37	1.13		0.127				
SRN	AC	HHN		62.6	283	98		6	0.00	-20.62	11.49	0.00		0.00	0.000	1.00	399	.51	4.95	L
							S		40.57	19.95	20.11	0.00	-0.16	1.13S		0.406				
KBN	AC	HHZ		96.3	3	78	P		37.22	16.60	17.15	0.00	-0.25	1.08		0.160				
KBN	AC	HHN		96.3	3	78		6	0.00	-20.62	17.15	0.00		0.00	0.000	1.00	1071.67		4.71	L
							S		50.84	30.22	30.01	0.00	0.21	1.13S		0.259				
LKD2	AC	HHZ		107.7	183	78	P		39.73	19.11	19.06	0.00	0.05	1.13		0.288				
LKD2	AC	HHE		107.7	183	78	S		54.01	33.39	33.35	0.00	0.03	1.13S		0.496				
VLO	AC	HHZ		130.5	308	68	P		44.23	23.61	22.72	0.00	0.89*	0.47		0.024				
VLO	AC	HHN		130.5	308	68	S		62.62	42.00	39.76	0.00	0.24	0.00S		0.000				
BPA1	AC	HHZ		140.0	321	68	P		45.46	24.84	24.23	0.00	0.61*	1.00		0.095				

BPA1	AC	HHN	140.0	321	68	S	62.87	42.25	42.40	0.00	-0.15	1.13S	0.476						
BPA2	AC	HHZ	142.7	320	68	P	45.58	24.96	24.66	0.00	0.30	1.13	0.122						
TIR	AC	HHZ	190.6	339	68	P	52.26	31.64	32.31	0.00	-0.67*	0.93	0.076						
TIR	AC	HHN	190.6	339	68		60.00	39.38	32.31	0.00		0.00	0.000	1.00			571.13	5.06	L
PHP	AC	HHZ	215.2	354	50	P	56.45	35.83	35.95	0.00	-0.12	1.13	0.220						
PHP	AC	HHN	215.2	354	50		60.00	39.38	35.95	0.00		0.00	0.000	1.00			57.80	5.19	L
BCI	AC	HHZ	294.8	350	50	P	65.86	45.24	46.48	0.00	-1.24*	0.01	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0422	41.16	39 39.93	20E53.87	8.57	0.57	0.78	0.08	3.58	3.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
20	30	51.0	At1	259	8	0	18	9	20		0.00	0.00	L	8.00	0.14	D

1 16 OCT 2016, 4:22 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.24 155 68>-< 1.87 299 17>-< 1.11 33 12>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		51.0	254	93	P	50.74	9.58	9.41	0.00	0.17	1.19		0.330	1.00	57	3.36	D
IGT	AC	HHE		51.0	254	93	S	57.42	16.26	16.47	0.00	-0.21	1.19S		0.502				
LSK	AC	HHZ		59.5	335	92	P	52.22	11.06	10.87	0.00	0.19	1.19		0.162	1.00	79	3.64	D
LSK	AC	HHE		59.5	335	92	S	59.62	18.46	19.02	0.00	-0.56*	1.19S		0.358				
SRN	AC	HHZ		80.5	288	92	P	54.30	13.14	14.47	0.00	-0.33*	0.55		0.033	1.00	54	3.34	D
SRN	AC	HHE		80.5	288	92	S	65.31	24.15	25.32	0.00	-0.17*	0.80S		0.174				
KBN	AC	HHZ		106.8	355	91	P	60.30	19.14	19.00	0.00	0.14	1.19		0.243	1.00	84	3.74	D
KBN	AC	HHE		106.8	355	91	S	74.60	33.44	33.25	0.00	0.19	1.19S		0.376				
VLO	AC	HHZ		149.2	308	68	P	69.23	28.07	26.03	0.00	2.04*	0.00		0.000	1.00	40	3.14	D
VLO	AC	HHN		149.2	308	68	S	87.43	46.27	45.55	0.00	0.72*	1.19S		0.264				
BPA1	AC	HHZ		158.0	319	68	P	68.11	26.95	27.44	0.00	-0.49	1.19		0.078				
BPA1	AC	HHE		158.0	319	68	S	89.67	48.51	48.02	0.00	0.49	1.19S		0.220				
BPA2	AC	HHZ		160.7	318	68	P	69.69	28.53	27.87	0.00	0.66*	1.19		0.078	1.00	75	3.69	D
BPA2	AC	HHN		160.7	318	68	S	89.03	47.87	48.77	0.00	-0.90*	1.12S		0.197				
TIR	AC	HHZ		206.3	336	68	P	75.93	34.77	35.13	0.00	-0.36	1.19		0.097	1.00	61	3.55	D
TIR	AC	HHE		206.3	336	68	S	103.58	62.42	61.48	0.00	0.94*	1.09S		0.148				
PHP	AC	HHZ		227.5	351	50	P	79.55	38.39	38.15	0.00	0.24	1.19		0.250	1.00	63	3.60	D
PHP	AC	HHN		227.5	351	50	S	106.83	65.67	66.76	0.00	-0.09*	0.91S		0.244				
BCI	AC	HHZ		308.0	348	50	P	90.08	48.92	48.79	0.00	0.13	1.19		0.236				
BCI	AC	HHE		308.0	348	50	S	124.74	83.58	85.38	0.00	-0.80*	0.05S		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0451 33.50 39 40.92 20E50.21 16.16 0.70 0.17 0.67 3.51 3.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 30 46.6 At1 252 11 0 18 8 20 0.00 0.00 L 8.00 0.04 D

1 16 OCT 2016, 4:51 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.74 273 37>-< 2.55 147 37>-< 1.44 29 30>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		46.6	250	111	P		42.39	8.89	9.27	0.00	-0.38	1.10	0.322					
IGT	AC	HHN		46.6	250	111	S		49.82	16.32	16.22	0.00	0.10	1.10S	0.502					
LSK	AC	HHZ		55.8	339	106	P		43.16	9.66	10.64	0.00	-0.98*	1.08	0.173	1.00	53	3.49	D	
LSK	AC	HHN		55.8	339	106	S		51.62	18.12	18.62	0.00	-0.50	1.10S	0.411					
SRN	AC	HHZ		74.9	288	100	P		45.60	12.10	13.62	0.00	-0.52*	0.69	0.049	1.00	52	3.49	D	
SRN	AC	HHN		74.9	288	100	S		55.13	21.63	23.83	0.00	-0.21*	0.06S	0.001					
KBN	AC	HHZ		104.7	358	95	P		51.44	17.94	18.31	0.00	-0.37	1.10	0.236	1.00	50	3.49	D	
KBN	AC	HHE		104.7	358	95	S		66.74	33.24	32.04	0.00	1.20*	0.98S	0.314					
VLO	AC	HHZ		144.0	308	93	P		59.26	25.76	24.56	0.00	0.20*	0.98	0.061	1.00	46	3.45	D	
VLO	AC	HHN		144.0	308	93	S		77.03	43.53	42.98	0.00	0.55*	1.10S	0.305					
BPA1	AC	HHZ		153.2	320	76	P		60.80	27.30	26.03	0.00	0.27*	0.93	0.048	1.00	50	3.53	D	
BPA1	AC	HHE		153.2	320	76	S		78.33	44.83	45.55	0.00	-0.72*	1.10S	0.240					
BPA2	AC	HHZ		155.9	319	76	P		60.80	27.30	26.44	0.00	0.86*	1.10	0.069	1.00	62	3.72	D	
BPA2	AC	HHE		155.9	319	76	S		79.48	45.98	46.27	0.00	-0.29	1.10S	0.246					
TIR	AC	HHZ		202.5	337	56	P		66.14	32.64	33.07	0.00	-0.43	1.10	0.147	1.00	58	3.70	D	
TIR	AC	HHE		202.5	337	56	S		91.44	57.94	57.87	0.00	0.07	1.10S	0.256					
PHP	AC	HHZ		224.9	352	56	P		70.07	36.57	36.04	0.00	0.53*	1.10	0.189	1.00	54	3.66	D	
PHP	AC	HHN		224.9	352	56	S		95.99	62.49	63.07	0.00	-0.58*	1.10S	0.243					
BCI	AC	HHZ		305.1	349	56	P		80.05	46.55	46.64	0.00	-0.09	1.10	0.177					
BCI	AC	HHE		305.1	349	56	S		111.16	77.66	81.62	0.00	-3.96*	0.00S	0.000					

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0506 33.57 39 45.38 20E42.69 9.65 0.28 0.73 1.54 4.48 4.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 28 41.2 At1 180 7 0 16 8 18 4.00 0.22 L 0.00 0.00 D

1 16 OCT 2016, 5:06 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.58 100 76>-< 0.75 268 13>-< 0.40 0 2>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		41.2	233	51	P		41.89	8.32	8.25	0.00	0.07	1.13		0.218			
IGT	AC	HHE		41.2	233	51	S		47.93	14.36	14.44	0.00	-0.08	1.13S		0.355			
LSK	AC	HHZ		44.7	348	51	P		42.86	9.29	8.86	0.00	0.43	1.08		0.181			
LSK	AC	HHN		44.7	348	51	S		49.21	15.64	15.50	0.00	0.14	1.13S		0.264			
SRN	AC	HHZ		62.4	283	51	P		45.21	11.64	11.89	0.00	-0.25	1.13		0.208			
SRN	AC	HHN		62.4	283	51		6	0.00	-33.57	11.89	0.00		0.00		0.000	1.00	79 .30	4.23 L
							S		54.06	20.49	20.81	0.00	-0.32	1.13S		0.295			
KBN	AC	HHZ		96.5	3	51	P		50.82	17.25	17.76	0.00	-0.51*	0.97		0.185			
KBN	AC	HHN		96.5	3	51		6	60.00	26.43	17.76	0.00		0.00		0.000	1.00	41 .87	4.29 L
							S		64.40	30.83	31.08	0.00	-0.25	1.13S		0.434			
LKD2	AC	HHZ		107.5	183	51	P		52.92	19.35	19.64	0.00	-0.29	1.13		0.305			
LKD2	AC	HHE		107.5	183	51	S		68.23	34.66	34.37	0.00	0.29	1.13S		0.650			
VLO	AC	HHZ		130.4	308	51	P		57.93	24.36	23.58	0.00	0.48	0.23		0.007			
VLO	AC	HHN		130.4	308	51	S		74.95	41.38	41.26	0.00	0.11	1.13S		0.203			
BPA1	AC	HHZ		140.0	321	51	P		59.17	25.60	25.22	0.00	0.38	1.12		0.168			
BPA1	AC	HHE		140.0	321	51	S		77.47	43.90	44.13	0.00	-0.23	1.13S		0.174			
BPA2	AC	HHZ		142.6	320	51	P		59.45	25.88	25.68	0.00	0.20	1.13		0.172			
BPA2	AC	HHN		142.6	320	51	S		78.82	45.25	44.94	0.00	0.31	1.13S		0.175			
TIR	AC	HHZ		190.7	339	46	P		66.06	32.49	33.46	0.00	-0.97*	0.01		0.000			
TIR	AC	HHN		190.7	339	46		6	60.00	26.43	33.46	0.00		0.00		0.000	1.00	23 .50	4.67 L
PHP	AC	HHZ		215.4	354	46	P		69.86	36.29	37.39	0.00	-1.10*	0.00		0.000			
PHP	AC	HHN		215.4	354	46		6	60.00	26.43	37.39	0.00		0.00		0.000	1.00	34 .62	4.97 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-16 0509 55.85 39 41.54 20E46.60 14.38 0.49 0.44 0.99 3.25 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
19 28 42.3 At1 246 9 0 17 9 19 0.00 0.00 L 3.00 0.02 D

1 16 OCT 2016, 5:09 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.27 281 61>-< 1.60 129 25>-< 0.91 33 11>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		42.3	246	90	P		64.12	8.27	8.32	0.00	-0.05	1.18		0.335			
IGT	AC	HHE		42.3	246	90	S		70.71	14.86	14.56	0.00	0.30	1.18S		0.477			
LSK	AC	HHZ		53.0	344	90	P		65.23	9.38	10.02	0.00	-0.64*	1.16		0.158	1.00	40	3.23 D
LSK	AC	HHE		53.0	344	90	S		73.00	17.15	17.53	0.00	-0.38	1.18S		0.212			
SRN	AC	HHZ		69.7	288	90	P		67.59	11.74	12.68	0.00	-0.94*	0.82		0.062	1.00	40	3.25 D

SRN	AC	HHE	69.7	288	90	S	77.22	21.37	22.19	0.00	-0.82*	1.01S	0.249						
KBN	AC	HHZ	103.4	0	90	P	73.79	17.94	18.06	0.00	-0.12	1.18	0.270						
KBN	AC	HHE	103.4	0	90	S	87.89	32.04	31.60	0.00	0.44	1.18S	0.301						
VLO	AC	HHZ	139.2	309	90	P	81.19	25.34	23.77	0.00	0.57*	0.01	0.000						
VLO	AC	HHE	139.2	309	90	S	98.41	42.56	41.60	0.00	0.96*	0.78S	0.121						
BPA1	AC	HHZ	149.0	321	90	P	82.72	26.87	25.33	0.00	0.54*	0.02	0.000						
BPA1	AC	HHE	149.0	321	90	S	99.71	43.86	44.33	0.00	-0.47	1.18S	0.238						
BPA2	AC	HHZ	151.7	320	90	P	82.32	26.47	25.75	0.00	0.72*	1.12	0.088						
BPA2	AC	HHE	151.7	320	90	S	101.47	45.62	45.06	0.00	0.56*	1.18S	0.241						
TIR	AC	HHZ	199.4	338	56	P	88.41	32.56	32.82	0.00	-0.26	1.18	0.141	1.00	53	3.60	D		
TIR	AC	HHE	199.4	338	56	S	113.18	57.33	57.43	0.00	-0.10	1.18S	0.410						
PHP	AC	HHZ	223.1	353	56	P	92.45	36.60	35.95	0.00	0.65*	1.16	0.171						
PHP	AC	HHN	223.1	353	56	S	118.74	62.89	62.91	0.00	-0.02	1.18S	0.354						
BCI	AC	HHZ	302.9	349	56	P	102.20	46.35	46.51	0.00	-0.16	1.18	0.164						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0535	16.01	39 42.93	20E49.66	9.75	0.70	0.90	0.16	3.25	3.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
19	28	47.4	At1	246	12	0	19	9	19		0.00	0.00	L	4.00	0.06	D

1 16 OCT 2016, 5:35 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.46 150 61>-< 2.09 295 24>-< 1.16 32 14>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
IGT	AC	HHZ		47.4	245	95	P		24.66	8.65	8.80	0.00	-0.15	1.20		0.341				
IGT	AC	HHN		47.4	245	95	S		31.79	15.78	15.40	0.00	0.38	1.20S		0.464				
LSK	AC	HHZ		52.0	338	95	P		25.72	9.71	9.60	0.00	0.11	1.20		0.169	1.00	45	3.16	D
LSK	AC	HHE		52.0	338	95	S		32.53	16.52	16.80	0.00	-0.28	1.20S		0.347				
SRN	AC	HHZ		73.2	285	93	P		27.67	11.66	13.22	0.00	-0.56*	0.72		0.050	1.00	48	3.23	D
SRN	AC	HHN		73.2	285	93	S		38.21	22.20	23.13	0.00	-0.93*	1.20S		0.334				
KBN	AC	HHZ		100.9	359	92	P		33.68	17.67	17.98	0.00	-0.31	1.20		0.252	1.00	49	3.27	D
KBN	AC	HHN		100.9	359	92	S		48.30	32.29	31.47	0.00	0.83*	1.20S		0.365				
VLO	AC	HHZ		141.1	307	68	P		42.46	26.45	24.66	0.00	0.79*	0.43		0.011				
VLO	AC	HHN		141.1	307	68	S		59.96	43.95	43.15	0.00	0.79*	1.20S		0.242				
BPA1	AC	HHZ		149.9	319	68	P		43.96	27.95	26.06	0.00	0.89*	0.32		0.005				
BPA1	AC	HHE		149.9	319	68	S		62.10	46.09	45.60	0.00	0.48	1.20S		0.198				
BPA2	AC	HHZ		152.6	318	68	P		44.23	28.22	26.49	0.00	0.73*	0.50		0.014				
BPA2	AC	HHN		152.6	318	68	S		62.75	46.74	46.36	0.00	0.38	1.20S		0.201				
TIR	AC	HHZ		198.7	337	68	P		51.79	35.78	33.86	0.00	0.92*	0.29		0.006				
TIR	AC	HHN		198.7	337	68	S		74.31	58.30	59.26	0.00	-0.96*	1.19S		0.155				

PHP	AC	HHZ	221.1	352	50	P	53.75	37.74	37.17	0.00	0.57*	1.20	0.246	1.00	48	3.36	D
PHP	AC	HHN	221.1	352	50	S	80.23	64.22	65.05	0.00	-0.83*	1.20S	0.356				
BCI	AC	HHZ	301.3	349	50	P	63.34	47.33	47.78	0.00	-0.45	1.20	0.234				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0509	55.85	39 41.54	20E46.60	14.38	0.49	0.44	0.99	3.25	3.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
19	28	42.3	At1	246	9	0	17	9	19		0.00	0.00	L	3.00	0.02	D

1 16 OCT 2016, 5:09 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.27 281 61>-< 1.60 129 25>-< 0.91 33 11>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
IGT	AC	HHZ		42.3	246	90	P		64.12	8.27	8.32	0.00	-0.05	1.18		0.335				
IGT	AC	HHE		42.3	246	90	S		70.71	14.86	14.56	0.00	0.30	1.18S		0.477				
LSK	AC	HHZ		53.0	344	90	P		65.23	9.38	10.02	0.00	-0.64	1.16		0.158	1.00	40	3.23	D
LSK	AC	HHE		53.0	344	90	S		73.00	17.15	17.53	0.00	-0.38	1.18S		0.212				
SRN	AC	HHZ		69.7	288	90	P		67.59	11.74	12.68	0.00	-0.94	0.82		0.062	1.00	40	3.25	D
SRN	AC	HHE		69.7	288	90	S		77.22	21.37	22.19	0.00	-0.82	1.01S		0.249				
KBN	AC	HHZ		103.4	0	90	P		73.79	17.94	18.06	0.00	-0.12	1.18		0.270				
KBN	AC	HHE		103.4	0	90	S		87.89	32.04	31.60	0.00	0.44	1.18S		0.301				
VLO	AC	HHZ		139.2	309	90	P		81.19	25.34	23.77	0.00	0.57	0.01		0.000				
VLO	AC	HHE		139.2	309	90	S		98.41	42.56	41.60	0.00	0.96	0.78S		0.121				
BPA1	AC	HHZ		149.0	321	90	P		82.72	26.87	25.33	0.00	0.54	0.02		0.000				
BPA1	AC	HHE		149.0	321	90	S		99.71	43.86	44.33	0.00	-0.47	1.18S		0.238				
BPA2	AC	HHZ		151.7	320	90	P		82.32	26.47	25.75	0.00	0.72	1.12		0.088				
BPA2	AC	HHE		151.7	320	90	S		101.47	45.62	45.06	0.00	0.56	1.18S		0.241				
TIR	AC	HHZ		199.4	338	56	P		88.41	32.56	32.82	0.00	-0.26	1.18		0.141	1.00	53	3.60	D
TIR	AC	HHE		199.4	338	56	S		113.18	57.33	57.43	0.00	-0.10	1.18S		0.410				
PHP	AC	HHZ		223.1	353	56	P		92.45	36.60	35.95	0.00	0.65	1.16		0.171				
PHP	AC	HHN		223.1	353	56	S		118.74	62.89	62.91	0.00	-0.02	1.18S		0.354				
BCI	AC	HHZ		302.9	349	56	P		102.20	46.35	46.51	0.00	-0.16	1.18		0.164				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0539	25.65	39 45.95	20E40.96	3.00	0.61	0.41	0.72	3.27	3.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
20	30	39.9	At1	177	6	0	19	9	20	#	0.00	0.00	L	7.00	0.24	D



1 16 OCT 2016, 5:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.81 101 75>-< 1.45 271 14>-< 0.77 2 2>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		39.9	230	51	P		33.12	7.47	8.12	0.00	-0.65*	1.14		0.198	1.00	31	2.83	D
IGT	AC	HHE		39.9	230	51	S		39.75	14.10	14.21	0.00	-0.11	1.14S		0.361				
LSK	AC	HHZ		43.2	351	51	P		33.63	7.98	8.69	0.00	-0.71*	1.14		0.153	1.00	52	3.27	D
LSK	AC	HHE		43.2	351	51	S		39.88	14.23	15.21	0.00	-0.98*	0.98S		0.169				
SRN	AC	HHZ		59.8	283	51	P		36.13	10.48	11.53	0.00	-0.05*	0.89		0.114	1.00	29	2.79	D
SRN	AC	HHE		59.8	283	51	S		45.64	19.99	20.18	0.00	-0.19	1.14S		0.334				
KBN	AC	HHZ		95.7	5	51	P		42.88	17.23	17.70	0.00	-0.47	1.14		0.197	1.00	49	3.27	D
KBN	AC	HHN		95.7	5	51	S		55.96	30.31	30.97	0.00	-0.66*	1.14S		0.363				
LKD2	AC	HHZ		108.5	182	51	P		45.83	20.18	19.90	0.00	0.28	1.14		0.283				
LKD2	AC	HHN		108.5	182	51	S		61.12	35.47	34.83	0.00	0.65*	1.14S		0.620				
VLO	AC	HHZ		127.8	309	51	P		49.36	23.71	23.22	0.00	0.49	1.14		0.152				
VLO	AC	HHN		127.8	309	51	S		67.63	41.98	40.63	0.00	0.34*	0.43S		0.032				
BPA1	AC	HHZ		137.6	321	51	P		50.75	25.10	24.90	0.00	0.20	1.14		0.138	1.00	47	3.27	D
BPA1	AC	HHN		137.6	321	51	S		69.30	43.65	43.58	0.00	0.07	1.14S		0.183				
BPA2	AC	HHZ		140.2	321	51	P		51.13	25.48	25.35	0.00	0.13	1.14		0.138	1.00	62	3.51	D
BPA2	AC	HHN		140.2	321	51	S		69.44	43.79	44.36	0.00	-0.57*	1.14S		0.183				
TIR	AC	HHZ		188.8	339	46	P		57.76	32.11	33.25	0.00	-0.14*	0.76		0.046				
TIR	AC	HHE		188.8	339	46	S		84.55	58.90	58.19	0.00	0.71*	1.14S		0.235				
PHP	AC	HHZ		214.1	355	46	P		63.95	38.30	37.28	0.00	0.02*	0.93		0.091	1.00	74	3.72	D
PHP	AC	HHN		214.1	355	46	S		92.69	67.04	65.24	0.00	0.80*	0.03S		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0555 5.63 39 42.03 20E48.95 22.00 0.61 0.80 0.27 4.20 4.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 30 45.8 At1 247 8 0 18 8 20 0.00 0.00 L 7.00 0.20 D

1 16 OCT 2016, 5:55 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.82 282 53>-< 2.15 130 33>-< 1.16 30 12>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		45.8	246	90	P		14.40	8.77	8.86	0.00	-0.09	1.18		0.312				
IGT	AC	HHN		45.8	246	90	S		21.19	15.56	15.50	0.00	0.06	1.18S		0.498				
LSK	AC	HHZ		53.2	340	90	P		15.19	9.56	10.06	0.00	-0.50	1.18		0.136	1.00	165	4.41	D

LSK	AC	HHN	53.2	340	90	S	22.34	16.71	17.60	0.00	-0.89*	1.13S	0.214						
SRN	AC	HHZ	72.6	287	90	P	17.73	12.10	13.15	0.00	-0.05*	1.01	0.086	1.00	87	3.88	D		
SRN	AC	HHN	72.6	287	90	S	26.74	21.11	23.01	0.00	-0.90*	0.03S	0.000						
KBN	AC	HHZ	102.5	359	90	P	22.93	17.30	17.92	0.00	-0.62*	1.18	0.269	1.00	173	4.49	D		
KBN	AC	HHE	102.5	359	90	S	37.84	32.21	31.36	0.00	0.85*	1.16S	0.302						
VLO	AC	HHZ	141.3	308	90	P	30.26	24.63	24.10	0.00	0.53*	1.18	0.086	1.00	82	3.89	D		
VLO	AC	HHN	141.3	308	90	S	48.06	42.43	42.17	0.00	0.25	1.18S	0.358						
BPA1	AC	HHZ	150.5	320	90	P	31.88	26.25	25.57	0.00	0.68*	1.18	0.086						
BPA1	AC	HHN	150.5	320	90	S	52.27	46.64	44.75	0.00	0.89*	0.04S	0.000						
BPA2	AC	HHZ	153.2	319	90	P	32.47	26.84	25.99	0.00	0.85*	1.16	0.082	1.00	159	4.47	D		
BPA2	AC	HHN	153.2	319	90	S	50.76	45.13	45.48	0.00	-0.35	1.18S	0.304						
TIR	AC	HHZ	199.9	337	56	P	38.25	32.62	33.06	0.00	-0.44	1.18	0.140	1.00	96	4.08	D		
TIR	AC	HHE	199.9	337	56	S	64.11	58.48	57.85	0.00	0.63*	1.18S	0.418						
PHP	AC	HHZ	222.6	352	56	P	42.49	36.86	36.07	0.00	0.79*	1.17	0.179	1.00	119	4.28	D		
PHP	AC	HHN	222.6	352	56	S	68.09	62.46	63.12	0.00	-0.66*	1.18S	0.351						
BCI	AC	HHZ	302.7	349	56	P	52.14	46.51	46.66	0.00	-0.15	1.18	0.169						
BCI	AC	HHE	302.7	349	56	S	85.54	79.91	81.65	0.00	-0.74*	0.12S	0.003						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0644	24.11	39 42.38	20E43.18	18.00	0.34	0.99	0.33	3.26	3.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
9	13	38.7	At1	238	14	0	8	3	9		0.00	0.00	L	2.00	0.06	D

1 16 OCT 2016, 6:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.74 197 58>-< 2.03 304 10>-< 0.84 40 29>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
IGT	AC	HHZ		38.7	241	110	P		32.12	8.01	7.68	0.00	0.33	1.10		0.773				
IGT	AC	HHE		38.7	241	110	S		39.26	15.15	13.44	0.00	0.71	0.00S		0.000				
LSK	AC	HHZ		50.3	349	104	P		33.49	9.38	9.55	0.00	-0.17	1.10		0.613	1.00	48	3.32	D
SRN	AC	HHZ		64.5	288	100	P		35.66	11.55	11.88	0.00	-0.33	1.10		0.228	1.00	41	3.20	D
SRN	AC	HHN		64.5	288	100	S		44.98	20.87	20.79	0.00	0.08	1.10S		0.854				
KBN	AC	HHZ		102.0	3	71	P		41.66	17.55	17.90	0.00	-0.35	1.10		0.294				
KBN	AC	HHN		102.0	3	71	S		56.01	31.90	31.32	0.00	0.58	1.08S		0.423				
PHP	AC	HHZ		221.0	354	51	P		61.36	37.25	36.18	0.00	0.07	0.31		0.035				
PHP	AC	HHN		221.0	354	51	S		87.23	63.12	63.32	0.00	-0.20	1.10S		0.775				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2016-10-16 0714 14.20 39 45.81 20E39.88 5.14 0.10 0.05 0.35 2.74 2.7  
 SOURCE  
 NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 38.6 At1 236 8 0 5 3 6 0.00 0.00 L 2.00 0.15 D

1 16 OCT 2016, 7:14 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.51 111 72>-< 0.98 294 17>-< 0.42 204 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		38.6	229	62	P		21.66	7.46	7.60	0.00	-0.14	1.00		0.624			
IGT	AC	HHE		38.6	229	62	S		27.59	13.39	13.30	0.00	0.09	1.00S		0.877			
LSK	AC	HHZ		43.3	353	62	P		22.75	8.55	8.41	0.00	0.14	1.00		0.621	1.00	33	2.89 D
LSK	AC	HHN		43.3	353	62	S		28.83	14.63	14.72	0.00	-0.09	1.00S		0.877			
SRN	AC	HHZ		58.3	284	62	P		24.41	10.21	10.99	0.00	-0.78	0.00		0.000	1.00	23	2.59 D
SRN	AC	HHN		58.3	284	62	S		33.44	19.24	19.23	0.00	0.01	1.00S		1.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0756 45.79 39 42.51 20E46.82 0.02 0.04 0.67 0.43 2.72 2.7  
 SOURCE  
 NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 43.4 At1 261 9 0 5 3 6 # 0.00 0.00 L 2.00 0.06 D

1 16 OCT 2016, 7:56 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.95 114 55>-< 0.85 297 34>-< 0.42 206 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		43.4	244	51	P		54.55	8.76	8.71	0.00	0.05	1.00		0.623			
IGT	AC	HHN		43.4	244	51	S		61.01	15.22	15.24	0.00	-0.02	1.00S		0.876			
LSK	AC	HHZ		51.4	343	51	P		55.80	10.01	10.09	0.00	-0.08	1.00		0.623	1.00	25	2.66 D
LSK	AC	HHN		51.4	343	51	S		63.47	17.68	17.66	0.00	0.02	1.00S		0.876			
SRN	AC	HHZ		69.5	287	51	P		58.19	12.40	13.19	0.00	-0.79*	0.00		0.000	1.00	28	2.77 D
SRN	AC	HHE		69.5	287	51	S		68.87	23.08	23.08	0.00	0.00	1.00S		0.999			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 0803 20.15 39 41.78 20E43.14 8.00 0.94 0.39 0.15 3.18 3.2  
 SOURCE  
 NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X

18 26 38.1 Atl 239 6 0 18 8 18 # 0.00 0.00 L 7.00 0.15 D

1 16 OCT 2016, 8:03 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 9.77 133 56>-< 2.57 295 32>-< 1.68 31 8>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T	
IGT	AC	HHZ		38.1	242	61	P	28.20	8.05	7.79	0.00	0.26	1.11		0.343	1.00	33	2.87	D			
IGT	AC	HHN		38.1	242	61	S	35.08	14.93	13.63	0.00	0.30	1.03		0.660							
LSK	AC	HHZ		51.4	349	51	P	29.87	9.72	10.09	0.00	-0.37	1.11		0.164	1.00	46	3.18	D			
LSK	AC	HHE		51.4	349	51	S	39.45	19.30	17.66	0.00	0.64	0.73		0.102							
SRN	AC	HHZ		64.8	289	51	P	31.82	11.67	12.40	0.00	-0.73	1.11		0.160	1.00	38	3.03	D			
SRN	AC	HHE		64.8	289	51	S	40.65	20.50	21.70	0.00	-0.20	1.07		0.260							
KBN	AC	HHZ		103.1	3	51	P	39.46	19.31	18.98	0.00	0.33	1.11		0.223	1.00	42	3.14	D			
KBN	AC	HHE		103.1	3	51	S	54.85	34.70	33.22	0.00	0.48	0.89		0.334							
VLO	AC	HHZ		135.1	310	51	P	46.22	26.07	24.47	0.00	0.60	0.77		0.090	1.00	48	3.29	D			
VLO	AC	HHN		135.1	310	51	S	63.08	42.93	42.82	0.00	0.11	1.11S		0.240							
BPA1	AC	HHZ		145.6	322	51	P	46.76	26.61	26.27	0.00	0.34	1.11		0.180							
BPA1	AC	HHE		145.6	322	51	S	65.27	45.12	45.97	0.00	-0.85*	1.11S		0.209							
BPA2	AC	HHZ		148.2	322	51	P	47.71	27.56	26.72	0.00	0.84	1.11		0.180							
BPA2	AC	HHE		148.2	322	51	S	66.21	46.06	46.76	0.00	-0.70*	1.11S		0.209							
TIR	AC	HHZ		197.1	339	46	P	53.23	33.08	34.58	0.00	-0.50*	0.87		0.068	1.00	66	3.61	D			
TIR	AC	HHE		197.1	339	46	S	81.30	61.15	60.51	0.00	0.63*	1.11S		0.324							
PHP	AC	HHZ		222.0	355	46	P	57.54	37.39	38.55	0.00	-1.16*	1.09		0.182	1.00	65	3.62	D			
BCI	AC	HHZ		301.6	350	37	P	67.41	47.26	49.14	0.00	-1.88*	0.47		0.063							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-16 0811 16.50 39 42.30 20E44.00 20.28 0.68 0.59 0.92 3.64 3.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 22 39.6 Atl 240 10 0 15 7 15 0.00 0.00 L 6.00 0.13 D

1 16 OCT 2016, 8:11 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.89 289 26>-< 2.52 163 49>-< 1.26 35 28>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T	
IGT	AC	HHZ		39.6	242	115	P	23.95	7.45	8.19	0.00	-0.74*	1.11		0.359							
IGT	AC	HHE		39.6	242	115	S	30.99	14.49	14.33	0.00	0.16	1.11S		0.478							
LSK	AC	HHZ		50.7	347	108	P	25.79	9.29	9.83	0.00	-0.54*	1.11		0.213	1.00	51	3.45	D			
LSK	AC	HHE		50.7	347	108	S	32.66	16.16	17.20	0.00	-0.04*	0.93S		0.339							

SRN	AC	HHZ	65.7	288	101	P	27.44	10.94	12.14	0.00	-0.20*	0.73	0.055	1.00	46	3.37	D
SRN	AC	HHE	65.7	288	101	S	36.90	20.40	21.24	0.00	-0.85*	1.09S	0.421				
KBN	AC	HHZ	102.1	2	95	P	35.47	18.97	17.89	0.00	0.08*	0.90	0.158	1.00	77	3.84	D
KBN	AC	HHE	102.1	2	95	S	48.26	31.76	31.31	0.00	0.45	1.11S	0.393				
VLO	AC	HHZ	135.4	310	93	P	41.18	24.68	23.19	0.00	0.49*	0.33	0.007	1.00	58	3.63	D
VLO	AC	HHE	135.4	310	93	S	57.97	41.47	40.58	0.00	0.89*	1.07S	0.395				
TIR	AC	HHZ	196.7	339	56	P	48.25	31.75	32.38	0.00	-0.63*	1.11	0.164	1.00	59	3.70	D
TIR	AC	HHE	196.7	339	56	S	73.54	57.04	56.67	0.00	0.38	1.11S	0.350				
PHP	AC	HHZ	221.2	354	56	P	51.90	35.40	35.63	0.00	-0.23	1.11	0.195	1.00	54	3.65	D
PHP	AC	HHN	221.2	354	56	S	78.32	61.82	62.35	0.00	-0.53*	1.11S	0.283				
BCI	AC	HHZ	300.8	350	56	P	63.14	46.64	46.16	0.00	0.48	1.11	0.182				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	16	0828	13.67	39 44.82	20E45.51	11.78	0.53	0.45	0.64	3.60	3.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	30	43.9	At1	237	12	0	19	9	20		0.00	0.00 L	8.00 0.08 D

1 16 OCT 2016, 8:28 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.09 139 51>-< 1.74 288 33>-< 0.97 29 15>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ	43.9	238	99	P		21.59	7.92	8.26	0.00	-0.34	1.08	0.327					
IGT	AC	HHN	43.9	238	99	S		28.40	14.73	14.45	0.00	0.27	1.08S	0.470					
LSK	AC	HHZ	46.8	344	98	P		22.37	8.70	8.74	0.00	-0.04	1.08	0.180	1.00	69	3.54	D	
LSK	AC	HHE	46.8	344	98	S		28.70	15.03	15.30	0.00	-0.27	1.08S	0.401					
SRN	AC	HHZ	66.6	284	95	P		24.56	10.89	12.12	0.00	-0.23*	0.48	0.025	1.00	57	3.39	D	
SRN	AC	HHE	66.6	284	95	S		34.42	20.75	21.21	0.00	-0.46	1.08S	0.389					
KBN	AC	HHZ	97.4	1	93	P		31.01	17.34	17.39	0.00	-0.05	1.08	0.234	1.00	69	3.58	D	
KBN	AC	HHE	97.4	1	93	S		45.01	31.34	30.43	0.00	0.91*	0.93S	0.275					
VLO	AC	HHZ	134.2	308	68	P		37.68	24.01	23.44	0.00	0.57*	1.08	0.077	1.00	61	3.51	D	
VLO	AC	HHN	134.2	308	68	S		55.15	41.48	41.02	0.00	0.46	1.08S	0.252					
BPA1	AC	HHZ	143.4	320	68	P		39.12	25.45	24.89	0.00	0.56*	1.08	0.070	1.00	69	3.62	D	
BPA1	AC	HHN	143.4	320	68	S		56.36	42.69	43.56	0.00	-0.87*	0.97S	0.163					
BPA2	AC	HHZ	146.0	319	68	P		39.58	25.91	25.32	0.00	0.59*	1.08	0.070	1.00	73	3.67	D	
BPA2	AC	HHN	146.0	319	68	S		58.61	44.94	44.31	0.00	0.63*	1.08S	0.207					
TIR	AC	HHZ	193.2	338	68	P		46.34	32.67	32.84	0.00	-0.17	1.08	0.091	1.00	77	3.76	D	
TIR	AC	HHE	193.2	338	68	S		70.26	56.59	57.47	0.00	-0.88*	0.95S	0.121					
PHP	AC	HHZ	216.8	353	50	P		49.65	35.98	36.38	0.00	-0.40	1.08	0.233	1.00	75	3.76	D	
PHP	AC	HHN	216.8	353	50	S		77.37	63.70	63.67	0.00	0.03	1.08S	0.345					
BCI	AC	HHZ	296.7	349	50	P		59.45	45.78	46.94	0.00	-0.16*	0.59	0.063					

BCI AC HHN 296.7 349 50 S 93.03 79.36 82.14 0.00 -0.78\* 0.00S 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-16 0840 20.49 39 43.82 20E47.05 10.50 0.67 0.67 0.34 3.73 3.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
21 31 44.8 At1 186 9 0 20 9 21 0.00 0.00 L 7.00 0.15 D

1 16 OCT 2016, 8:40 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.40 218 77>-< 1.68 98 6>-< 0.85 6 10>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		44.8	241	97	P		28.22	7.73	8.38	0.00	-0.65*	1.16		0.143			
IGT	AC	HHE		44.8	241	97	S		35.41	14.92	14.66	0.00	0.26	1.16S		0.350			
LSK	AC	HHZ		49.2	342	96	P		29.31	8.82	9.13	0.00	-0.31	1.16		0.154	1.00	88	3.73 D
LSK	AC	HHN		49.2	342	96	S		36.55	16.06	15.98	0.00	0.08	1.16S		0.295			
SRN	AC	HHZ		69.1	285	94	P		31.83	11.34	12.54	0.00	-0.20*	0.92		0.070	1.00	72	3.58 D
SRN	AC	HHE		69.1	285	94	S		41.56	21.07	21.94	0.00	-0.88*	1.15S		0.368			
KBN	AC	HHZ		99.2	0	92	P		37.99	17.50	17.69	0.00	-0.19	1.16		0.201	1.00	76	3.65 D
KBN	AC	HHE		99.2	0	92	S		52.13	31.64	30.96	0.00	0.68*	1.16S		0.332			
LKD2	AC	HHZ		105.1	186	92	P		39.44	18.95	18.70	0.00	0.25	1.16		0.292			
LKD2	AC	HHE		105.1	186	92	S		53.69	33.20	32.72	0.00	0.47	1.16S		0.470			
VLO	AC	HHZ		137.1	308	68	P		45.89	25.40	23.97	0.00	0.43*	0.60		0.021	1.00	63	3.52 D
VLO	AC	HHE		137.1	308	68	S		63.34	42.85	41.95	0.00	0.90*	1.14S		0.284			
BPA1	AC	HHZ		146.2	320	68	P		46.62	26.13	25.43	0.00	0.70*	1.16		0.070			
BPA1	AC	HHE		146.2	320	68	S		66.95	46.46	44.50	0.00	0.96*	0.07S		0.000			
BPA2	AC	HHZ		148.9	319	68	P		46.96	26.47	25.85	0.00	0.62*	1.16		0.071	1.00	82	3.76 D
TIR	AC	HHZ		195.7	337	68	P		52.98	32.49	33.33	0.00	-0.84*	1.16		0.077	1.00	125	4.16 D
TIR	AC	HHE		195.7	337	68	S		79.47	58.98	58.33	0.00	0.65*	1.16S		0.166			
PHP	AC	HHZ		218.9	353	50	P		57.04	36.55	36.80	0.00	-0.25	1.16		0.174	1.00	97	3.96 D
PHP	AC	HHN		218.9	353	50	S		83.11	62.62	64.40	0.00	-0.78*	0.19S		0.010			
BCI	AC	HHZ		298.9	349	50	P		66.48	45.99	47.38	0.00	-0.39*	0.66		0.053			
BCI	AC	HHE		298.9	349	50	S		102.63	82.14	82.91	0.00	-0.77*	1.16S		0.389			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-16 1901 37.64 39 44.50 20E47.51 3.02 0.80 0.92 0.59 4.20 4.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
21 31 46.0 At1 187 8 0 21 10 21 # 0.00 0.00 L 9.00 0.11 D

1 16 OCT 2016, 19:01 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.77 103 72>-< 2.01 271 17>-< 1.06 2 3>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
IGT	AC	HHZ		46.0	240	51	P		46.47	8.83	9.16	0.00	-0.33	1.10		0.182					
IGT	AC	HHN		46.0	240	51	S		53.03	15.39	16.03	0.00	-0.64*	1.10S		0.362					
LSK	AC	HHZ		48.2	341	51	P		47.73	10.09	9.55	0.00	0.54*	1.10		0.129	1.00	165		4.25	D
LSK	AC	HHN		48.2	341	51	S		54.41	16.77	16.71	0.00	0.06	1.10S		0.174					
SRN	AC	HHZ		69.5	284	51	P		49.90	12.26	13.20	0.00	-0.94*	1.09		0.161	1.00	150		4.19	D
SRN	AC	HHE		69.5	284	51	S		59.56	21.92	23.10	0.00	-0.18*	0.97S		0.238					
KBN	AC	HHZ		97.9	0	51	P		55.80	18.16	18.09	0.00	0.07	1.10		0.183	1.00	167		4.31	D
KBN	AC	HHE		97.9	0	51	S		70.21	32.57	31.66	0.00	0.91*	1.10S		0.323					
LKD2	AC	HHZ		106.4	187	51	P		58.02	20.38	19.54	0.00	0.84*	1.10		0.288					
LKD2	AC	HHE		106.4	187	51	S		72.61	34.97	34.19	0.00	0.78*	1.10S		0.652					
VLO	AC	HHZ		136.9	307	51	P		63.28	25.64	24.78	0.00	0.86*	1.10		0.133	1.00	97		3.88	D
VLO	AC	HHE		136.9	307	51	S		82.36	44.72	43.36	0.00	0.36*	0.78S		0.105					
BPA1	AC	HHZ		145.7	319	51	P		64.67	27.03	26.29	0.00	0.74*	1.10		0.122	1.00	117		4.05	D
BPA1	AC	HHN		145.7	319	51	S		84.06	46.42	46.01	0.00	0.41	1.10S		0.167					
BPA2	AC	HHZ		148.4	319	51	P		65.04	27.40	26.75	0.00	0.65*	1.10		0.122	1.00	157		4.30	D
BPA2	AC	HHN		148.4	319	51	S		84.66	47.02	46.81	0.00	0.21	1.10S		0.167					
TIR	AC	HHZ		194.9	337	46	P		70.76	33.12	34.21	0.00	-1.09*	1.03		0.086	1.00	110		4.04	D
TIR	AC	HHN		194.9	337	46	S		98.69	61.05	59.87	0.00	0.18*	0.96S		0.166					
PHP	AC	HHZ		217.8	353	46	P		74.45	36.81	37.87	0.00	-0.06*	1.05		0.125	1.00	160		4.38	D
PHP	AC	HHN		217.8	353	46	S		102.42	64.78	66.27	0.00	-0.49*	0.62S		0.103					
BCI	AC	HHZ		297.8	349	37	P		84.44	46.80	48.64	0.00	-1.84*	0.23		0.004	1.00	119		4.20	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-16 2023 2.24 40 34.93 19E44.76 5.23 0.32 0.86 0.52 2.66 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 17.4 At1 131 14 0 11 6 12 0.00 0.00 L 4.00 0.15 D

1 16 OCT 2016, 20:23 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.54 336 82>-< 0.86 74 1>-< 0.45 164 7>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
BPA1	AC	HHZ		17.4	335	102	P		5.43	3.19	3.65	0.00	-0.46	1.11		0.538	1.00	26		2.57	D
BPA1	AC	HHE		17.4	335	102	S		9.37	7.13	6.39	0.00	0.74*	0.72S		0.334					

BPA2	AC	HHZ	19.7	327	62	P	5.83	3.59	4.07	0.00	-0.48	1.10	0.165	1.00	36	2.86	D
BPA2	AC	HHE	19.7	327	62	S	9.73	7.49	7.12	0.00	0.37	1.12S	0.494				
VLO	AC	HHZ	24.7	240	62	P	5.72	3.48	4.94	0.00	-0.46*	0.00	0.000	1.00	19	2.34	D
VLO	AC	HHN	24.7	240	62	S	10.83	8.59	8.65	0.00	-0.06	1.12S	0.706				
SRN	AC	HHZ	80.9	164	62	P	16.83	14.59	14.60	0.00	-0.01	1.12	0.199	1.00	27	2.75	D
SRN	AC	HHE	80.9	164	62	S	27.84	25.60	25.55	0.00	0.05	1.12S	0.302				
IGT	AC	HHZ	126.8	156	62	P	25.05	22.81	22.49	0.00	0.32	1.12	0.210				
IGT	AC	HHE	126.8	156	62	S	41.52	39.28	39.36	0.00	-0.08	1.12S	0.327				
PHP	AC	HHZ	135.6	25	62	P	27.20	24.96	24.00	0.00	0.96*	0.24	0.013				
PHP	AC	HHN	135.6	25	62	S	44.17	41.93	42.00	0.00	-0.07	1.12S	0.707				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	17	1140	23.08	39 47.27	20E38.48	0.06	2.31	7.75	18.94	3.19	3.04	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	20	39.0	At1	217	9	0	13	4	15	#	1.00	0.00	L 3.00 0.09 D

1 17 OCT 2016, 11:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 20.47 99 67>-< 7.00 299 21>-< 4.19 206 6>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
IGT	AC	HHZ		39.0	224	51	P		31.49	8.41	7.96	0.00	0.45	1.20		0.425	1.00	40	3.04	D	
IGT	AC	HHN		39.0	224	51	S		39.13	16.05	13.93	0.00	2.12*	1.20S		0.772					
SRN	AC	HHZ		55.8	281	51	P		34.63	11.55	10.84	0.00	0.71*	1.20		0.412	1.00	35	2.95	D	
SRN	AC	HHN		55.8	281	51	S	6	0.00	-23.08	10.84	0.00	0.00	0.00		0.000	1.00			8.8	.31 3.19 L
							S		42.70	19.62	18.97	0.00	0.65*	1.20S		0.497					
KBN	AC	HHZ		93.6	7	51	P		41.91	18.83	17.34	0.00	1.49*	1.20		0.298					
VLO	AC	HHZ		123.5	309	51	P		56.31	33.23	22.47	0.00	10.76*	0.02		0.000					
BPA1	AC	HHZ		133.5	322	51	P		39.63	16.55	24.18	0.00	-7.63*	0.60		0.060					
BPA1	AC	HHE		133.5	322	51	S		65.30	42.22	42.32	0.00	-0.10	1.20S		0.524					
BPA2	AC	HHZ		136.1	321	51	P		48.79	25.71	24.63	0.00	1.08*	1.20		0.250					
BPA2	AC	HHE		136.1	321	51	S		75.10	52.02	43.10	0.00	8.92*	0.27S		0.027					
TIR	AC	HHZ		185.3	340	46	P		57.96	34.88	32.68	0.00	2.20*	1.20		0.143					
PHP	AC	HHZ		211.3	356	46	P		58.72	35.64	36.83	0.00	-1.19*	1.20		0.221					
BCI	AC	HHZ		290.4	351	37	P		69.76	46.68	47.66	0.00	-0.98*	1.20		0.291					
SGRT	AC	HHZ		466.4	300	37	P		88.55	65.47	70.93	0.00	-5.46*	1.09		0.074	1.00	129	4.43	D	
SGRT	AC	HHN		466.4	300	37	S		133.65	110.57	124.13	0.00	-13.56*	0.00S		0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2016-10-17 1800 26.07 39 46.84 20E38.42 15.18 0.10 0.62 1.14 2.99 3.14 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
12 18 41.1 At1 172 13 0 9 3 12 3.00 0.01 L 5.00 0.26 D

1 17 OCT 2016, 18:00 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.28 269 63>-< 0.69 86 26>-< 0.45 177 1>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
LSK	AC	HHZ		41.1	356	101	P		34.15	8.08	7.90	0.00	0.18	1.00	0.460	1.00	35	3.00	D				
LSK	AC	HHN		41.1	356	101		6	0.00	-26.07	7.90	0.00		0.00	0.000	1.00				28	.20	3.55	L
							S		41.40	15.33	13.82	0.00	0.50	0.00S	0.000								
SRN	AC	HHZ		55.9	282	95	P		36.43	10.36	10.35	0.00	0.01	1.00	0.270	1.00	30	2.88	D				
SRN	AC	HHN		55.9	282	95		6	0.00	-26.07	10.35	0.00		0.00	0.000	1.00				5.4	.36	2.99	L
							S		44.22	18.15	18.11	0.00	0.04	1.00S	0.743								
KBN	AC	HHZ		94.4	7	91	P		42.80	16.73	16.83	0.00	-0.10	1.00	0.415	1.00	39	3.14	D				
KBN	AC	HHN		94.4	7	91		6	0.00	-26.07	16.83	0.00		0.00	0.000	1.00				2.1	.50	2.98	L
							S		57.05	30.98	29.45	0.00	0.43	0.00S	0.000								
LKD2	AC	HHZ		110.1	179	71	P		45.28	19.21	19.38	0.00	-0.17	1.00	0.350								
LKD2	AC	HHN		110.1	179	71		S	60.10	34.03	33.91	0.00	0.12	1.00S	0.657								
TIR	AC	HHZ		186.0	340	71	P		57.32	31.25	31.48	0.00	-0.23	1.00	0.151	1.00	60	3.58	D				
TIR	AC	HHN		186.0	340	71		S	79.38	53.31	55.09	0.00	-0.48	0.00S	0.000								
PHP	AC	HHZ		212.1	356	51	P		61.73	35.66	35.39	0.00	0.27	1.00	0.222	1.00	58	3.58	D				
PHP	AC	HHN		212.1	356	51		S	87.95	61.88	61.93	0.00	-0.05	1.00S	0.727								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-17 2007 18.24 39 47.18 20E38.49 18.55 0.07 1.64 0.91 3.01 3.52 3.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
11 16 38.9 At1 217 11 0 9 4 11 2.00 0.20 L 3.00 0.10 D

1 17 OCT 2016, 20:07 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.64 288 5>-< 0.98 186 68>-< 0.44 21 21>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
IGT	AC	HHZ		38.9	224	109	P		25.58	7.34	7.70	0.00	-0.36	0.88	0.301								
IGT	AC	HHN		38.9	224	109		S	31.76	13.52	13.47	0.00	0.05	1.01S	0.594								
LSK	AC	HHZ		40.5	355	108	P		26.41	8.17	7.96	0.00	0.21	1.01	0.329	1.00	62	3.52	D				
LSK	AC	HHN		40.5	355	108		6	0.00	-18.24	7.96	0.00		0.00	0.000	1.00				13	.74	3.21	L

						S		32.00	13.76	13.93	0.00	-0.17	1.01S		0.674				
SRN	AC	HHZ	55.9	281	102	P		28.90	10.66	10.44	0.00	0.22	1.01		0.368				
KBN	AC	HHZ	93.8	7	71	P		34.96	16.72	16.60	0.00	0.12	1.01		0.350	1.00	52	3.42	D
KBN	AC	HHN	93.8	7	71		6	0.00	-18.24	16.60	0.00		0.00		0.000	1.00			1.4 .37 2.81 L
						S		48.06	29.82	29.05	0.00	0.47	0.00S		0.000				
TIR	AC	HHZ	185.4	340	71	P		50.48	32.24	31.22	0.00	0.02	0.00		0.000				
TIR	AC	HHN	185.4	340	71	S		72.75	54.51	54.63	0.00	-0.12	1.01S		0.581				
PHP	AC	HHZ	211.5	356	51	P		53.11	34.87	34.96	0.00	-0.09	1.01		0.319	1.00	64	3.70	D
PHP	AC	HHN	211.5	356	51	S		79.46	61.22	61.18	0.00	0.04	1.01S		0.478				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	18	0102	52.21	39 44.59	20E42.30	14.92	0.13	1.51	1.13	3.46	3.52	3.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
13	19	39.9	At1	230	14	0	11	4	13		3.00	0.06 L	4.00 0.10 D

1 18 OCT 2016, 1:02 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.84 297 34>-< 1.44 144 52>-< 0.80 36 12>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		39.9	234	101	P		60.27	8.06	7.69	0.00	0.37	1.09		0.650			
IGT	AC	HHN		39.9	234	101	S		67.50	15.29	13.46	0.00	0.43	0.00S		0.000			
LSK	AC	HHZ		46.1	349	98	P		61.00	8.79	8.71	0.00	0.08	1.09		0.193	1.00	66	3.54 D
LSK	AC	HHN		46.1	349	98		6	60.00	7.79	8.71	0.00		0.00		0.000	1.00		21 .62 3.46 L
							S		67.17	14.96	15.24	0.00	-0.28	1.09S		0.430			
SRN	AC	HHZ		62.2	285	93	P		63.10	10.89	11.41	0.00	-0.42	1.09		0.212	1.00	53	3.36 D
SRN	AC	HHN		62.2	285	93		6	60.00	7.79	11.41	0.00		0.00		0.000	1.00		15 .41 3.53 L
							S		72.39	20.18	19.97	0.00	0.21	1.09S		0.762			
KBN	AC	HHZ		98.0	4	91	P		69.87	17.66	17.44	0.00	0.22	1.09		0.246	1.00	59	3.49 D
KBN	AC	HHN		98.0	4	91	S		82.98	30.77	30.52	0.00	0.25	1.09S		0.350			
TIR	AC	HHZ		191.9	339	71	P		84.62	32.41	32.44	0.00	-0.03	1.09		0.102	1.00	98	4.00 D
TIR	AC	HHN		191.9	339	71		6	60.00	7.79	32.44	0.00		0.00		0.000	1.00		1.21.24 3.40 L
							S		116.20	63.99	56.77	0.00	0.22	0.00S		0.000			
PHP	AC	HHZ		216.7	355	51	P		87.71	35.50	36.03	0.00	-0.43	1.09		0.238			
PHP	AC	HHN		216.7	355	51	S		115.73	63.52	63.05	0.00	0.47	1.09S		0.586			
BCI	AC	HHZ		296.2	350	51	P		98.54	46.33	46.55	0.00	-0.22	1.09		0.225			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	18	0858	22.68	39 43.65	20E41.90	0.03	0.44	1.19	2.60	2.26	2.56	2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	12	38.4	At1	192	8	0	8	4	8	#	1.00	0.00	L	3.00	0.07	D

1 18 OCT 2016, 8:58 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.71 252 73>-< 1.23 93 14>-< 0.74 1 5>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
IGT	AC	HHZ		38.4	236	90	P		29.47	6.79	7.67	0.00	-0.88*	0.71		0.226	1.00	21	2.49	D		
IGT	AC	HHN		38.4	236	90	S		36.11	13.43	13.42	0.00	0.01	1.16S		0.729						
LSK	AC	HHZ		47.7	350	61	P		31.46	8.78	9.31	0.00	-0.53*	1.16		0.480	1.00	36	2.96	D		
LSK	AC	HHN		47.7	350	61	S		39.10	16.42	16.29	0.00	0.13	1.16S		0.565						
SRN	AC	HHZ		62.1	287	61	P		33.46	10.78	11.85	0.00	-1.07*	0.32		0.015	1.00	22	2.56	D		
SRN	AC	HHE		62.1	287	61		6	0.00	-22.68	11.85	0.00		0.00		0.000	1.00		0.84	.47	2.26	L
							S		42.90	20.22	20.74	0.00	-0.52*	1.16S		0.822						
LKD2	AC	HHZ		104.2	182	57	P		41.35	18.67	19.17	0.00	-0.50*	1.16		0.379						
LKD2	AC	HHE		104.2	182	57	S		56.09	33.41	33.55	0.00	-0.14	1.16S		0.781						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	18	1106	28.00	39 46.18	20E36.87	17.97	0.36	1.31	2.74	2.81	2.97	3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	14	36.0	At1	179	10	0	8	4	10		2.00	0.25	L	2.00	0.01	D

1 18 OCT 2016, 11:06 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.04 297 64>-< 1.15 85 21>-< 0.70 180 12>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
IGT	AC	HHZ		36.0	223	106	P		34.38	6.38	7.09	0.00	-0.71*	1.10		0.302						
IGT	AC	HHN		36.0	223	106	S		40.91	12.91	12.41	0.00	0.50*	1.13S		0.716						
LSK	AC	HHZ		42.2	359	102	P		35.77	7.77	8.07	0.00	-0.30	1.13		0.364	1.00	32	2.96	D		
LSK	AC	HHN		42.2	359	102		6	0.00	-28.00	8.07	0.00		0.00		0.000	1.00		8.4	.60	3.05	L
							S		42.51	14.51	14.12	0.00	0.39	1.13S		0.592						
SRN	AC	HHZ		54.0	284	97	P		37.75	9.75	9.93	0.00	-0.18	1.13		0.239	1.00	32	2.97	D		
SRN	AC	HHN		54.0	284	97		6	0.00	-28.00	9.93	0.00		0.00		0.000	1.00		2.1	.30	2.56	L
							S		45.40	17.40	17.38	0.00	0.02	1.13S		0.788						
KBN	AC	HHZ		96.0	8	72	P		42.85	14.85	16.51	0.00	-1.66*	0.01		0.000						
LKD2	AC	HHZ		108.9	178	63	P		46.62	18.62	18.42	0.00	0.20	1.13		0.339						
LKD2	AC	HHE		108.9	178	63	S		60.26	32.26	32.24	0.00	0.02	1.13S		0.657						

PHP AC HHZ 213.2 357 49 P 62.84 34.84 32.18 0.00 2.66\* 0.00 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-19 0008 26.05 39 46.19 20E42.49 14.20 0.09 0.65 0.94 2.29 2.64 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 13 41.9 At1 179 9 0 8 4 9 2.00 0.20 L 2.00 0.03 D

1 19 OCT 2016, 0:08 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 0.96 266 78>-< 0.66 110 10>-< 0.33 18 4>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T			
IGT	AC	HHZ		41.9	231	101	P		33.86	7.81	7.93	0.00	-0.12	1.05		0.321								
IGT	AC	HHE		41.9	231	101	S		39.99	13.94	13.88	0.00	0.06	1.06S		0.553								
LSK	AC	HHZ		43.2	348	101	P		34.64	8.59	8.15	0.00	0.44	0.00		0.000	1.00	23	2.63	D				
LSK	AC	HHN		43.2	348	101	S	6	0.00	-26.05	8.15	0.00		0.00		0.000	1.00			2.3	.36	2.48	L	
									40.41	14.36	14.26	0.00	0.10	1.06S		0.725								
SRN	AC	HHZ		61.8	282	72	P		37.17	11.12	11.20	0.00	-0.08	1.06		0.199	1.00	24	2.68	D				
SRN	AC	HHN		61.8	282	72	S	6	0.00	-26.05	11.20	0.00		0.00		0.000	1.00			0.56	.41	2.09	L	
									45.68	19.63	19.60	0.00	0.03	1.06S		0.805								
KBN	AC	HHZ		95.0	4	72	P		42.41	16.36	16.56	0.00	-0.20	0.59		0.108								
KBN	AC	HHE		95.0	4	72	S		55.04	28.99	28.98	0.00	0.01	1.06S		0.545								
LKD2	AC	HHZ		109.0	183	58	P		44.85	18.80	18.71	0.00	0.09	1.06		0.740								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-10-19 0008 47.23 38 17.05 21E28.03 2.00 0.22 1.22 2.74 3.97 4.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
11 16 90.1 At1 321 6 0 9 5 10 # 4.00 0.14 L 0.00 0.00 D

1 19 OCT 2016, 0:08 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 5.04 196 33>-< 1.30 76 36>-< 1.10 314 36>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T			
LKD2	AC	HHZ		90.1	309	61	P		63.33	16.10	16.76	0.00	-0.46	0.03		0.000								
LKD2	AC	HHN		90.1	309	61	S		76.70	29.47	29.33	0.00	0.14	1.16S		0.994								
IGT	AC	HHZ		170.0	325	39	P		76.29	29.06	28.97	0.00	0.09	1.16		0.339								



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-20 1554 28.33 41 36.50 20E 7.02 20.60 0.16 1.22 2.62 2.69 2.90 2.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 9 13 28.3 At1 141 11 0 8 3 9 3.00 0.40 L 2.00 0.05 D

1 20 OCT 2016, 15:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.66 116 79>-< 1.24 298 10>-< 0.77 208 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		28.3	72	115	P		34.69	6.36	6.11	0.00	0.25	1.12		0.277	1.00	33	2.95 D
PHP	AC	HHN		28.3	72	115		6	0.00-28.33	6.11	0.00			0.00		0.000	1.00		11 .11 3.09 L
							S		38.89	10.56	10.69	0.00	-0.13	1.12S		0.750			
TIR	AC	HHZ		35.8	217	106	P		35.31	6.98	7.20	0.00	-0.22	1.12		0.314	1.00	28	2.85 D
TIR	AC	HHN		35.8	217	106		6	0.00-28.33	7.20	0.00			0.00		0.000	1.00		0.96 .15 2.07 L
							S		41.10	12.77	12.60	0.00	0.17	1.12S		0.703			
BCI	AC	HHZ		84.3	358	90	P		42.31	13.98	14.63	0.00	-0.45	1.12		0.339			
BCI	AC	HHN		84.3	358	90		6	0.00-28.33	14.63	0.00			0.00		0.000	1.00		1.2 .41 2.69 L
							S		54.42	26.09	25.60	0.00	0.49	1.12S		0.661			
KBN	AC	HHZ		123.0	152	70	P		48.77	20.44	20.28	0.00	0.16	1.12		0.923			
KBN	AC	HHN		123.0	152	70		S	70.20	41.87	35.49	0.00	0.38	0.00S		0.000			
LSK	AC	HHZ		167.0	165	55	P		52.72	24.39	26.09	0.00	-0.40	0.17		0.030			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-21 0154 57.94 39 45.55 20E37.58 0.00 0.14 1.29 2.08 3.80 3.87 3.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 18 27 35.9 At1 170 6 0 15 7 18 # 3.00 0.12 L 5.00 0.10 D

1 21 OCT 2016, 1:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.28 250 65>-< 1.37 109 19>-< 0.68 14 13>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		35.9	226	90	P		64.43	6.49	7.17	0.00	-0.38	1.16		0.341			
IGT	AC	HHN		35.9	226	90		S	71.47	13.53	12.55	0.00	0.48	1.02S		0.363			
LSK	AC	HHZ		43.4	357	61	P		66.27	8.33	8.58	0.00	-0.25	1.16		0.247	1.00	90	3.74 D
LSK	AC	HHN		43.4	357	61		6	60.00	2.06	8.58	0.00		0.00		0.000	1.00		109 .68 4.12 L
							S		72.39	14.45	15.01	0.00	-0.50	1.16S		0.213			



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-24 2209 56.39 38 44.50 22E 5.48 45.40 0.70 3.36 60.04 3.77 3.85 3.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 17 24 124.7 At1 254 10 0 14 7 16 - 5.00 0.10 L 2.00 0.13 D

1 24 OCT 2016, 22:09 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 60.04 0 90>-< 3.36 150 0>-< 1.99 60 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		124.7	273	90	P		75.12	18.73	19.48	0.00	-0.45	1.17		0.328			
LKD2	AC	HHE		124.7	273	90	S		91.12	34.73	34.09	0.00	0.34	1.17S		0.358			
IGT	AC	HHZ		175.7	301	90	P		81.25	24.86	25.78	0.00	-0.12	1.16		0.128			
IGT	AC	HHN		175.7	301	90	S		101.62	45.23	45.11	0.00	0.11	1.17S		0.197			
LSK	AC	HHZ		202.4	322	90	P		85.49	29.10	29.06	0.00	0.04	1.17		0.092	1.00	45	3.72 D
LSK	AC	HHN		202.4	322	90		6	60.00	3.61	29.06	0.00		0.00		0.000	1.00		6.9 .66 4.24 L
									108.07	51.68	50.85	0.00	0.83*	1.17S		0.215			
SRN	AC	HHZ		220.2	306	90	P		88.92	32.53	31.27	0.00	0.26	0.93		0.073			
SRN	AC	HHN		220.2	306	90		6	60.00	3.61	31.27	0.00		0.00		0.000	1.00		2.5 .69 3.88 L
									110.05	53.66	54.72	0.00	-0.06	1.10S		0.171			
THE	AC	HHZ		222.8	19	90	P		87.43	31.04	31.58	0.00	-0.54*	1.17		0.343			
THE	AC	HHE		222.8	19	90	S		111.79	55.40	55.26	0.00	0.14	1.17S		0.443			
KBN	AC	HHZ		237.0	333	90	P		90.93	34.54	33.34	0.00	0.20	1.00		0.072	1.00	59	3.98 D
KBN	AC	HHE		237.0	333	90		6	60.00	3.61	33.34	0.00		0.00		0.000	1.00		1.6 .56 3.77 L
									114.48	58.09	58.35	0.00	-0.26	1.17S		0.236			
VLO	AC	HHZ		294.1	312	90	P		98.80	42.41	40.39	0.00	0.42	0.09		0.000			
TIR	AC	HHZ		346.2	328	90	P		105.55	49.16	46.82	0.00	2.34*	0.00		0.999			
TIR	AC	HHN		346.2	328	90		6	120.00	63.61	46.82	0.00		0.00		0.000	1.00		0.50 .66 3.67 L
									137.72	81.33	81.93	0.00	-0.60*	1.17S		0.226			
PHP	AC	HHZ		355.7	338	90	P		104.91	48.52	48.00	0.00	0.52*	1.17		0.110			
PHP	AC	HHN		355.7	338	90		6	120.00	63.61	48.00	0.00		0.00		0.000	1.00		0.50 .51 3.70 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-26 1710 39.87 42 52.38 13E25.93 9.76 0.83 4.51 3.30 5.67 6.21 5.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 29 228.9 At1 327 10 0 18 7 20 - 2.00 0.22 L 2.00 0.26 D



1 26 OCT 2016, 17:11 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 290 37>-< 16.50 19 0>-< 6.94 109 52>

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
SGRT	AC	HHZ		228.9	122	38	P		75.78	35.91	36.31	0.00	-0.40	1.00		0.119					
NOCI	AC	HHZ		380.4	126	38	P		93.60	53.73	55.01	0.00	-0.28	1.00		0.198					
NOCI	AC	HHN		380.4	126	38	S		135.77	95.90	96.27	0.00	-0.37	1.00S		0.466					
SCTE	AC	HHZ		523.1	124	38	P		109.65	69.78	72.63	0.00	-0.35	1.00		0.147					
SCTE	AC	HHN		523.1	124	38	S		171.56	131.69	127.10	0.00	0.59*	0.98S		0.311					
BCI	AC	HHZ		547.8	93	38	P		116.63	76.76	75.68	0.00	0.48	1.00		0.286					
BCI	AC	HHN		547.8	93	38	S		174.61	134.74	132.44	0.00	0.40	1.00S		0.638					
TIR	AC	HHZ		558.9	105	38	P		117.55	77.68	77.04	0.00	0.64*	1.00		0.122	1.00	703		5.95	D
TIR	AC	HHE		558.9	105	38	S		236.49	196.62	134.82	0.00	0.80*	0.00S		0.000					
BPA1	AC	HHZ		570.2	112	38	P		120.04	80.17	78.44	0.00	0.73*	1.00		0.116					
BPA1	AC	HHN		570.2	112	38	S		180.16	140.29	137.27	0.00	0.42	1.00S		0.255					
VLO	AC	HHZ		571.6	115	38	P		117.55	77.68	78.62	0.00	-0.54*	1.00		0.108					
PHP	AC	HHZ		593.6	100	38	P		122.18	82.31	81.34	0.00	0.67*	1.00		0.135					
PHP	AC	HHN		593.6	100	38		6	120.00	80.13	81.34	0.00		0.00		0.000	1.00			211.15	5.88 L
							S		178.77	138.90	142.35	0.00	-0.45	1.00S		0.251					
SRN	AC	HHZ		642.7	119	38	P		127.80	87.93	87.40	0.00	0.53*	1.00		0.103	1.00	1178		6.47	D
SRN	AC	HHN		642.7	119	38		6	180.00	140.13	87.40	0.00		0.00		0.000	1.00			6.4	.93 5.45 L
							S		207.01	167.14	152.95	0.00	0.59*	0.00S		0.000					
KBN	AC	HHZ		661.6	109	38	P		129.67	89.80	89.73	0.00	0.07	1.00		0.121					
KBN	AC	HHN		661.6	109	38	S		193.20	153.33	157.03	0.00	-0.70*	1.00S		0.263					
LSK	AC	HHZ		671.1	114	38	P		131.06	91.19	90.90	0.00	0.29	1.00		0.111					
LSK	AC	HHN		671.1	114	38	S		196.81	156.94	159.07	0.00	-0.63*	1.00S		0.241					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-26 1918 9.49 42 30.49 13E11.51 9.70 1.55 7.15 6.77 6.14 6.24 6.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 23 228.5 At1 335 8 0 14 5 16 - 3.00 0.04 L 3.00 0.09 D

1 26 OCT 2016, 19:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 280 37>-< 18.13 189 1>-< 5.82 99 52>

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
SGRT	AC	HHZ		228.5	110	38	P		46.74	37.25	36.27	0.00	0.58*	1.00		0.130					
SGRT	AC	HHN		228.5	110	38	S		73.22	63.73	63.47	0.00	0.26	1.00S		0.342					

BCI	AC	HHZ	566.6	89	38	P	86.83	77.34	78.00	0.00	-0.66*	1.00	0.322						
BCI	AC	HHN	566.6	89	38	S	149.48	139.99	136.50	0.00	0.49*	1.00	0.737						
TIR	AC	HHZ	568.9	100	38	P	86.37	76.88	78.29	0.00	-0.41*	1.00	0.228	1.00	853	6.12	D		
TIR	AC	HHN	568.9	100	38		6	180.00	170.51	78.29	0.00		0.00	0.000	1.00			421.67	6.14 L
						S		210.81	201.32	137.01	0.00	0.31	0.00	0.000					
VLO	AC	HHZ	573.6	111	38	P	88.10	78.61	78.87	0.00	-0.26	1.00	0.152						
BPA1	AC	HHZ	574.6	108	38	P	88.81	79.32	79.00	0.00	0.32	1.00	0.126						
PHP	AC	HHZ	607.3	96	38	P	91.89	82.40	83.04	0.00	-0.44	1.00	0.215	1.00	931	6.24	D		
PHP	AC	HHN	607.3	96	38		6	120.00	110.51	83.04	0.00		0.00	0.000	1.00			541.36	6.32 L
						S		152.24	142.75	145.32	0.00	-0.57*	1.00	0.400					
SRN	AC	HHZ	642.0	114	38	P	98.44	88.95	87.32	0.00	0.63*	1.00	0.347	1.00	1000	6.33	D		
SRN	AC	HHN	642.0	114	38		6	180.00	170.51	87.32	0.00		0.00	0.000	1.00			281.44	6.10 L
						S		183.06	173.57	152.81	0.00	1.76*	0.00	0.000					
KBN	AC	HHZ	668.1	105	38	P	100.41	90.92	90.54	0.00	0.38	1.00	0.168						
KBN	AC	HHN	668.1	105	38	S	165.46	155.97	158.45	0.00	-1.48*	1.00	0.354						
LSK	AC	HHZ	673.9	110	38	P	100.22	90.73	91.26	0.00	-0.53*	1.00	0.130						
LSK	AC	HHN	673.9	110	38	S	170.54	161.05	159.70	0.00	0.35	1.00	0.342						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	29	2015	28.21	39 53.21	19E46.59	4.03	0.18	1.87	1.39	4.25	3.94	4.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
17	25	19.2	At1	153	8	0	16	7	17	#	3.00	0.04	L	5.00	0.13	D

1 29 OCT 2016, 20:15 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.56 166 72>-< 1.90 45 9>-< 1.18 313 14>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
SRN	AC	HHZ		19.2	92	90	P		31.98	3.77	3.83	0.00	-0.06	1.20		0.377	1.00	37	2.88	D	
SRN	AC	HHN		19.2	92	90		6	0.00	-28.21	3.83	0.00		0.00		0.000	1.00			269	.34 4.25 L
							S		34.75	6.54	6.70	0.00	-0.16	1.20	S	0.500					
IGT	AC	HHZ		61.7	129	61	P		40.16	11.95	11.78	0.00	0.17	1.20		0.261					
IGT	AC	HHN		61.7	129	61	S		50.07	21.86	20.61	0.00	0.25	1.17	S	0.687					
LSK	AC	HHZ		76.0	67	61	P		40.38	12.17	14.29	0.00	-2.12	0.44		0.014	1.00	111	3.94	D	
LSK	AC	HHN		76.0	67	61	S		52.44	24.23	25.01	0.00	-0.48	1.20	S	0.294					
BPA1	AC	HHZ		93.4	354	57	P		43.46	15.25	17.34	0.00	-0.09	0.47		0.035					
BPA1	AC	HHN		93.4	354	57	S		59.30	31.09	30.35	0.00	0.34	1.20	S	0.277					
SCTE	AC	HHZ		113.7	282	53	P		48.19	19.98	20.72	0.00	-0.34	1.20		0.500					
KBN	AC	HHZ		118.7	46	53	P		50.95	22.74	21.53	0.00	0.21	1.18		0.089	1.00	91	3.81	D	
KBN	AC	HHN		118.7	46	53	S		65.09	36.88	37.68	0.00	-0.30	1.20	S	0.294					
TIR	AC	HHZ		162.4	2	46	P		55.34	27.13	28.00	0.00	-0.37	1.20		0.126	1.00	104	3.97	D	

TIR	AC	HHN	162.4	2	46	6	60.00	31.79	28.00	0.00	0.00	0.000	1.00			12	.62	4.21	L
						S	77.22	49.01	49.00	0.00	0.01	1.20S	0.269						
PHP	AC	HHZ	207.4	15	39	P	61.17	32.96	33.70	0.00	-0.34	1.20	0.096	1.00	126	4.17	D		
PHP	AC	HHN	207.4	15	39	6	60.00	31.79	33.70	0.00	0.00	0.000	1.00			16	.83	4.61	L
						S	89.28	61.07	58.98	0.00	2.09	0.47S	0.057						
BCI	AC	HHZ	276.5	4	38	P	69.62	41.41	42.30	0.00	-0.49	1.20	0.111						
BCI	AC	HHN	276.5	4	38	S	104.87	76.66	74.03	0.00	2.43	0.08S	0.001						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	10	30	0640	19.48	42 83.71	13E09.01	17.46	1.01	6.77	4.77	6.58	6.49	6.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	22	604.3	At1	336	12	0	13	6	15	-	2.00	0.01	L 5.00 0.06 D

1 30 OCT 2016, 6:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP><-< 84.77 0 90><-< 11.77 192 0><-< 6.16 101 0>

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BCI	AC	HHN	604.3	89	90	S		158.21138.73137.71	0.00	1.02*	1.00S	0.480							
BCI	AC	HHZ	604.3	89	90	P		97.93 78.45 78.69	0.00	-0.24	1.00	0.265	1.00	395	5.99	D			
TIR	AC	HHN	607.2	100	90	S		156.58137.10138.32	0.00	-1.22*	1.00S	0.182							
TIR	AC	HHZ	607.2	100	90	P		96.81 77.33 79.04	0.00	-1.71*	1.00	0.143	1.00	1023	6.80	D			
VLO	AC	HHZ	611.1	110	90	P		49.94 30.46 79.52	0.00	-1.06*	0.00	0.000							
BPA1	AC	HHN	612.5	107	90	S		190.58171.10139.46	0.00	1.64*	0.00S	0.000							
BPA1	AC	HHZ	612.5	107	90	P		100.33 80.85 79.69	0.00	1.16*	1.00	0.152							
PHP	AC	HHN	645.6	96	90	6		120.00100.52 83.79	0.00	0.00	0.000	1.00			1681.60	6.88	L		
						S		165.29145.81146.63	0.00	-0.82*	1.00S	0.241							
PHP	AC	HHZ	645.6	96	90	P		103.81 84.33 83.79	0.00	0.54*	1.00	0.169	1.00	964	6.79	D			
SRN	AC	HHN	679.0	113	90	6		120.00100.52 87.91	0.00	0.00	0.000	1.00			637.78	0.00	L		
						S		173.06153.58153.84	0.00	-0.26	1.00S	0.388							
SRN	AC	HHZ	679.0	113	90	P		107.86 88.38 87.91	0.00	0.47	1.00	0.213	1.00	869	6.73	D			
KBN	AC	HHN	706.2	105	90	6		180.00160.52 91.27	0.00	0.00	0.000	1.00			129 .93	6.87	L		
						S		180.33160.85159.72	0.00	1.13*	1.00S	0.190							
KBN	AC	HHZ	706.2	105	90	P		111.97 92.49 91.27	0.00	1.22*	1.00	0.143	1.00	1020	6.89	D			
LSK	AC	HHN	711.6	109	90	S		180.53161.05160.88	0.00	0.17	1.00S	0.261							
LSK	AC	HHZ	711.6	109	90	P		109.91 90.43 91.93	0.00	-1.50*	1.00	0.167							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	30	1207	3.04	42 38.79	13E11.77	11.95	0.26	6.85	2.91	4.98	5.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 25 234.1 At1 329 6 0 15 6 17 - 7.00 0.14 L 0.00 0.00 D

1 30 OCT 2016, 12:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 21.22 286 37>-< 2.21 195 1>-< 1.03 103 52>

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		234.1	114	38	P		39.17	36.13	36.76	0.00	-0.63*	0.54		0.041			
SGRT	AC	HHN		234.1	114	38		6	60.00	56.96	36.76	0.00		0.00		0.000	1.00	28 .83	4.98 L
							S		67.17	64.13	64.33	0.00	-0.20	1.07S		0.314			
NOCI	AC	HHZ		382.5	121	38	P		57.99	54.95	55.08	0.00	-0.13	1.07		0.196			
NOCI	AC	HHN		382.5	121	38		S	99.22	96.18	96.39	0.00	-0.21	1.07S		0.390			
SCTE	AC	HHZ		525.7	121	38	P		76.16	73.12	72.76	0.00	0.36	1.06		0.192			
SCTE	AC	HHN		525.7	121	38		6	120.00	116.96	72.76	0.00		0.00		0.000	1.00	1.71.01	4.66 L
							S		130.33	127.29	127.33	0.00	-0.04	1.07S		0.390			
BCI	AC	HHZ		566.2	90	38	P		80.37	77.33	77.76	0.00	-0.43	1.00		0.308			
BCI	AC	HHE		566.2	90	38		6	120.00	116.96	77.76	0.00		0.00		0.000	1.00	4.0 .69	5.11 L
							S		139.23	136.19	136.08	0.00	0.11	1.07S		0.679			
TIR	AC	HHZ		571.6	102	38	P		80.42	77.38	78.43	0.00	-1.05*	0.00		0.000			
TIR	AC	HHE		571.6	102	38		6	120.00	116.96	78.43	0.00		0.00		0.000	1.00	2.0 .86	4.81 L
							S		140.45	137.41	137.25	0.00	0.16	1.07S		0.410			
BPA1	AC	HHZ		579.2	109	38	P		82.71	79.67	79.37	0.00	0.30	1.07		0.206			
PHP	AC	HHZ		608.8	97	38	P		85.77	82.73	83.03	0.00	-0.30	1.07		0.193			
PHP	AC	HHN		608.8	97	38		6	120.00	116.96	83.03	0.00		0.00		0.000	1.00	3.0 .98	5.06 L
							S		148.49	145.45	145.30	0.00	0.15	1.07S		0.303			
SRN	AC	HHZ		648.3	116	38	P		90.88	87.84	87.90	0.00	-0.06	1.07		0.150			
SRN	AC	HHN		648.3	116	38		6	120.00	116.96	87.90	0.00		0.00		0.000	1.00	0.86 .72	4.59 L
KBN	AC	HHZ		672.1	107	38	P		94.47	91.43	90.83	0.00	0.60*	0.61		0.071			
KBN	AC	HHN		672.1	107	38		6	120.00	116.96	90.83	0.00		0.00		0.000	1.00	2.6 .66	5.12 L
LSK	AC	HHZ		679.1	111	38	P		95.80	92.76	91.70	0.00	1.06*	0.00		0.000			
IGT	AC	HHZ		692.8	117	38	P		96.63	93.59	93.39	0.00	0.20	1.07		0.148			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-10-30 1334 56.76 42 40.51 13E 8.58 12.18 0.37 19.46 20.20 4.66 4.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 21 30 239.4 At1 330 10 0 19 8 21 - 7.00 0.18 L 0.00 0.00 D

1 30 OCT 2016, 13:34 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 28.05 286 46>-< 2.68 16 0>-< 1.30 108 43>

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		239.4	114	46	P		92.29	35.53	36.05	0.00	-0.42	1.18		0.110			
SGRT	AC	HHN		239.4	114	46		6	120.00	63.24	36.05	0.00		0.00		0.000	1.00		13 .81 4.66 L
							S		120.31	63.55	63.09	0.00	0.46	1.20S		0.228			
NOCI	AC	HHZ		387.8	121	46	P		110.98	54.22	54.39	0.00	-0.17	1.20		0.207			
NOCI	AC	HHE		387.8	121	46		6	120.00	63.24	54.39	0.00		0.00		0.000	1.00		2.2 .54 4.44 L
							S		151.93	95.17	95.18	0.00	-0.01	1.20S		0.394			
SCTE	AC	HHZ		531.1	121	46	P		127.55	70.79	72.07	0.00	-0.28	0.01		0.000			
SCTE	AC	HHE		531.1	121	46		6	180.00	123.24	72.07	0.00		0.00		0.000	1.00		0.81 .86 4.35 L
							S		182.63	125.87	126.12	0.00	-0.25	1.20S		0.394			
BCI	AC	HHZ		570.6	91	46	P		133.91	77.15	76.95	0.00	0.20	1.20		0.304			
BCI	AC	HHE		570.6	91	46		6	180.00	123.24	76.95	0.00		0.00		0.000	1.00		2.5 .72 4.91 L
							S		191.00	134.24	134.66	0.00	-0.42	1.20S		0.610			
TIR	AC	HHZ		576.6	102	46	P		133.61	76.85	77.69	0.00	-0.84*	0.63		0.037			
TIR	AC	HHE		576.6	102	46		6	180.00	123.24	77.69	0.00		0.00		0.000	1.00		0.90 .50 4.48 L
							S		192.93	136.17	135.96	0.00	0.21	1.20S		0.304			
VLO	AC	HHZ		584.3	112	46	P		135.82	79.06	78.63	0.00	0.43	1.20		0.119			
PHP	AC	HHZ		613.6	97	46	P		139.21	82.45	82.26	0.00	0.19	1.20		0.145			
PHP	AC	HHN		613.6	97	46		6	180.00	123.24	82.26	0.00		0.00		0.000	1.00		1.5 .92 4.78 L
							S		201.11	144.35	143.95	0.00	0.40	1.20S		0.266			
SRN	AC	HHZ		653.7	116	46	P		144.15	87.39	87.20	0.00	0.19	1.20		0.117			
KBN	AC	HHZ		677.2	107	46	P		146.72	89.96	90.11	0.00	-0.15	1.20		0.135			
KBN	AC	HHN		677.2	107	46		6	180.00	123.24	90.11	0.00		0.00		0.000	1.00		1.2 .80 4.78 L
							S		215.44	158.68	157.69	0.00	0.99*	0.30S		0.020			
LSK	AC	HHZ		684.4	111	46	P		147.79	91.03	90.99	0.00	0.04	1.20		0.122			
LSK	AC	HHN		684.4	111	46		S	215.57	158.81	159.23	0.00	-0.42	1.20S		0.281			
IGT	AC	HHZ		698.1	117	46	P		149.98	93.22	92.69	0.00	0.53*	1.17		0.118			
FNA	AC	HHZ		718.3	104	46	P		151.22	94.46	95.18	0.00	-0.72*	0.91		0.079			
FNA	AC	HHE		718.3	104	46		S	222.11	165.35	166.57	0.00	-1.21*	0.03S		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	10	31	0938	17.50	42 57.20	17E55.17	12.68	0.56	4.68	3.31	4.62	4.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
18	22	187.8	At1	235	8	0	16	4	17		2.00	0.21 L	0.00 0.00 D

1 31 OCT 2016, 9:38 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 5.73 351 35>-< 3.25 166 54>-< 1.41 260 2>

REGION= Bosnje Hercegovina

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
BCI	AC	HHZ		187.8	109	48	P		47.16	29.66	29.54	0.00	0.12	1.07		0.280					
BCI	AC	HHN		187.8	109	48		6	60.00	42.50	29.54	0.00		0.00		0.000	1.00	34	.62	4.82	L
							S		68.85	51.35	51.69	0.00	-0.35	1.07S		0.531					
SGRT	AC	HHZ		222.4	234	46	P		51.30	33.80	33.91	0.00	-0.11	1.07		0.424					
SGRT	AC	HHN		222.4	234	46	S		76.75	59.25	59.34	0.00	-0.09	1.07S		0.690					
TIR	AC	HHZ		240.1	137	46	P		54.36	36.86	36.09	0.00	0.77*	1.04		0.097					
NOCI	AC	HHZ		250.7	197	46	P		53.69	36.19	37.39	0.00	-1.20*	0.59		0.049					
NOCI	AC	HHE		250.7	197	46	S		83.64	66.14	65.43	0.00	0.71*	1.06S		0.625					
NOCI	AC	HHN		250.7	197	46		6	60.00	42.50	37.39	0.00		0.00		0.000	1.00	6.4	.41	4.41	L
PHP	AC	HHZ		251.1	123	46	P		55.81	38.31	37.45	0.00	0.86*	0.99		0.122					
PHP	AC	HHN		251.1	123	46	S		82.74	65.24	65.54	0.00	-0.30	1.07S		0.417					
BPA1	AC	HHZ		286.6	149	46	P		62.03	44.53	41.83	0.00	2.70*	0.00		0.000					
VLO	AC	HHZ		305.5	154	46	P		61.30	43.80	44.17	0.00	-0.37	1.07		0.125					
SCTE	AC	HHZ		322.7	171	46	P		62.93	45.43	46.28	0.00	-0.85*	1.00		0.134					
KBN	AC	HHZ		351.9	136	46	P		68.58	51.08	49.89	0.00	1.19*	0.59		0.031					
SRN	AC	HHZ		383.1	152	46	P		70.96	53.46	53.74	0.00	-0.28	1.07		0.121					
LSK	AC	HHZ		383.3	143	46	P		71.80	54.30	53.77	0.00	0.53*	1.07		0.106					
IGT	AC	HHZ		430.4	151	46	P		76.77	59.27	59.58	0.00	-0.31	1.07		0.119					
LKD2	AC	HHZ		516.9	152	46	P		87.13	69.63	70.26	0.00	-0.63*	1.07		0.121					

**Tërmëte të largëta** (Long distance earthquake)

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter  
2016-10-17 0614 57.90 hor.err= ver.err= 6.8 New Britain Region P.N.G  
GAP=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BCI	AC	iP		0633	47.47					
KBN	AC	iP		0633	47.54					
PHP	AC	iP		0633	47.55					
LSK	AC	iP		0633	49.14					
IGT	AC	iP		0633	49.49					
LKD2	AC	iP		0633	49.82					
SCTE	AC	iP		0633	52.56					
SGRT	AC	iP		0633	53.95					

**Tërmete të pa-lokalizueshëm, me më pak se tre stacione** (un-locatable earthquakes with less than three stations)

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	0414	07.29								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0414	07.29							
KBN	SE	ISG		0414	10.00							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	0422	41.12								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0422	41.12							
KBN	SE	ISG		0422	44.05							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	0430	42.12								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0430	42.12							
KBN	SE	ISG		0430	44.71							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	0442	48.61								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0442	48.61							

KBN SE ISG 0442 50.90

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

2016 10 11 0453 51.47 KBN  
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md  
KBN SZ IPG 0453 51.47  
KBN SE ISG 0453 53.79

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

2016 10 11 1630 08.87 KBN  
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md  
KBN SZ IPG 1630 08.87  
KBN SE ISG 1630 10.78

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

2016 10 11 1631 15.63 KBN  
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md  
KBN SZ IPG 1631 15.63  
KBN SE ISG 1631 17.87

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

2016 10 11 1642 35.55 KBN  
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md  
KBN SZ IPG 1642 35.55  
KBN SE ISG 1642 37.57



Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	1645	22.66								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1645	22.66							
KBN	SE	ISG		1645	24.89							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	1652	47.21								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1652	47.21							
KBN	SE	ISG		1652	50.00							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	1702	26.47								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1702	26.47							
KBN	SE	ISG		1702	28.94							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	10	11	1708	05.46								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1708	05.46							
KBN	SE	ISG		1708	07.48							

## **Përshkrim i të dhënave makrosizmike** (*Macro-seismic data description for individual events*)

### **Ngjarja 1** (Event 1):

Datë 15.10.2016, në orën 20:14:48.76(UTC); lokalizuar 39.76V; 20.79L, 16 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I0= VII-VIII ballë (EMS-98); Ndjerë: VI ballë në qytetet e Leskovikut, Gjirokastrës dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. IV-V ballë në qytetet Vlorë, Corovodë dhe Korçe. IV ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec. III-IV ballë në qytetet Elbasan, Librazhdë. III ballë në qytetet Durres dhe Tirane.

( Intensity I0 = VII-VIII degree EMS-98, felt VI degree at Leskoviku, Gjirokastra and Saranda towns. V-VI degree at Himara, Tepelena, Memaliaj and Permeti towns. IV-V degree at Vlora, Corovoda and Korca towns. IV degree at Fieri, Kucova, Grameshi and Pogradeci towns. III-IV degree at Elbasani and Librazhdë towns. III degree at Durres and Tirana towns.).

### **Ngjarja 2** (Event 2):

Datë 16.10.2016, në orën 00:09:58.41(UTC); lokalizuar 39.75V; 20.71L, 14 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I0= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastrës dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korçe. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

( Intensity I0 = VI-VII degree EMS-98, felt V degree at Leskoviku, Gjirokastra and Saranda towns. IV-V degree at Himara, Tepelena, Memaliaj and Permeti towns. III-IV degree at Vlora, Corovoda and Korca towns. III degree at Fieri, Kucova, Gramshi and Pogradeci towns)

### **Ngjarja 3** (Event 3):

Datë 16.10.2016, në orën 00:41:13.21(UTC); lokalizuar 39.77V; 20.76L, 17 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I0= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastrës dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korçe. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

( Intensity I0 = VI-VII degree EMS-98, felt V degree at Leskovikut, Gjirokastrës dhe Sarandes towns. IV-V degree at Himarë, Tepelenë, Memaliaj and Permet towns. III-IV degree at Vlorë, Corovodë dhe Korçe towns. III degree at Fieri, Kucova, Grameshi and Pogradeci towns)

### **Ngjarja 4** (Event 4):

Datë 16.10.2016, në orën 00:48:13.17(UTC); lokalizuar 39.74V; 20.71L, 15 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I0= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastrës dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korçe. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

( Intensity I0 = VI-VII degree EMS-98, felt V degree at Leskovikut, Gjirokastrës dhe Sarandes towns. IV-V degree at Himarë, Tepelenë, Memaliaj and Permet towns. III-IV degree at Vlorë, Corovodë dhe Korçe towns. III degree at Fieri, Kucova, Grameshi and Pogradeci towns)

### **Ngjarja 5** (Event 5):

Datë 16.10.2016, në orën 01:32:04.17(UTC); lokalizuar 39.76V; 20.70L, 18 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I0= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastrës dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korçe. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

( Intensity I0 = VI-VII degree EMS-98, felt V degree at Leskovikut, Gjirokastrës dhe Sarandes towns. IV-V degree at Himarë, Tepelenë, Memaliaj and Permet towns. III-IV degree at Vlorë, Corovodë dhe Korçe towns. III degree at Fieri, Kucova, Grameshi and Pogradeci towns)

### **Ngjarja 6 (Event 6):**

Datë 16.10.2016, në orën 02:21:01.19(UTC); lokalizuar 39.76V; 20.72L, 16 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastres dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korce. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

(Intensity I<sub>0</sub> = VI-VII degree EMS-98, felt V degree at Leskovikut, Gjirokastres dhe Sarandes towns. IV-V degree at Himarë, Tepelenë, Memaliaj and Permet towns. III-IV degree at Vlorë, Corovodë dhe Korce towns. III degree at Fieri, Kucova, Grameshi and Pogradeci towns)

### **Ngjarja 7 (Event 7):**

Datë 16.10.2016, në orën 03:40:20.6(UTC); lokalizuar 39.73V; 20.73L, 15 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= VI-VII ballë (EMS-98); Ndjerë: V ballë në qytetet e Leskovikut, Gjirokastres dhe Sarandes. V-VI ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III-IV ballë në qytetet Vlorë, Corovodë dhe Korce. III ballë në qytetet Fier, Kucovë, Gramesh dhe Pogradec.

(Intensity I<sub>0</sub> = VI-VII degree EMS-98, felt V degree at Leskovikut, Gjirokastres dhe Sarandes towns. IV-V degree at Himarë, Tepelenë, Memaliaj and Permet towns. III-IV degree at Vlorë, Corovodë dhe Korce towns. III degree at Fieri, Kucova, Grameshi and Pogradeci towns)

### **Ngjarja 8 (Event 8):**

Datë 16.10.2016, në orën 05:06:33.6(UTC); lokalizuar 39.76V; 20.71L, 16 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= V-VI ballë (EMS-98); Ndjerë: IV ballë në qytetet e Leskovikut, Gjirokastres dhe Sarandes. III-IV ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III ballë në qytetet Vlorë, Corovodë dhe Korce.

(Intensity I<sub>0</sub> = V-VI degree EMS-98, felt V degree at Leskoviku, Gjirokastra and Saranda towns. III-IV degree at Himara, Tepelena, Memaliaj and Permeti towns. III degree at Vlora, Corovoda and Korca towns.)

### **Ngjarja 9 (Event 9):**

Datë 16.10.2016, në orën 05:55:05.6(UTC); lokalizuar 39.70V; 20.82, 14 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= V-VI ballë (EMS-98); Ndjerë: IV ballë në qytetet e Leskovikut, Gjirokastres dhe Sarandes. III-IV ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III ballë në qytetet Vlorë, Corovodë dhe Korce.

(Intensity I<sub>0</sub> = V-VI degree EMS-98, felt V degree at Leskoviku, Gjirokastra and Saranda towns. III-IV degree at Himara, Tepelena, Memaliaj and Permeti towns. III degree at Vlora, Corovoda and Korca towns.)

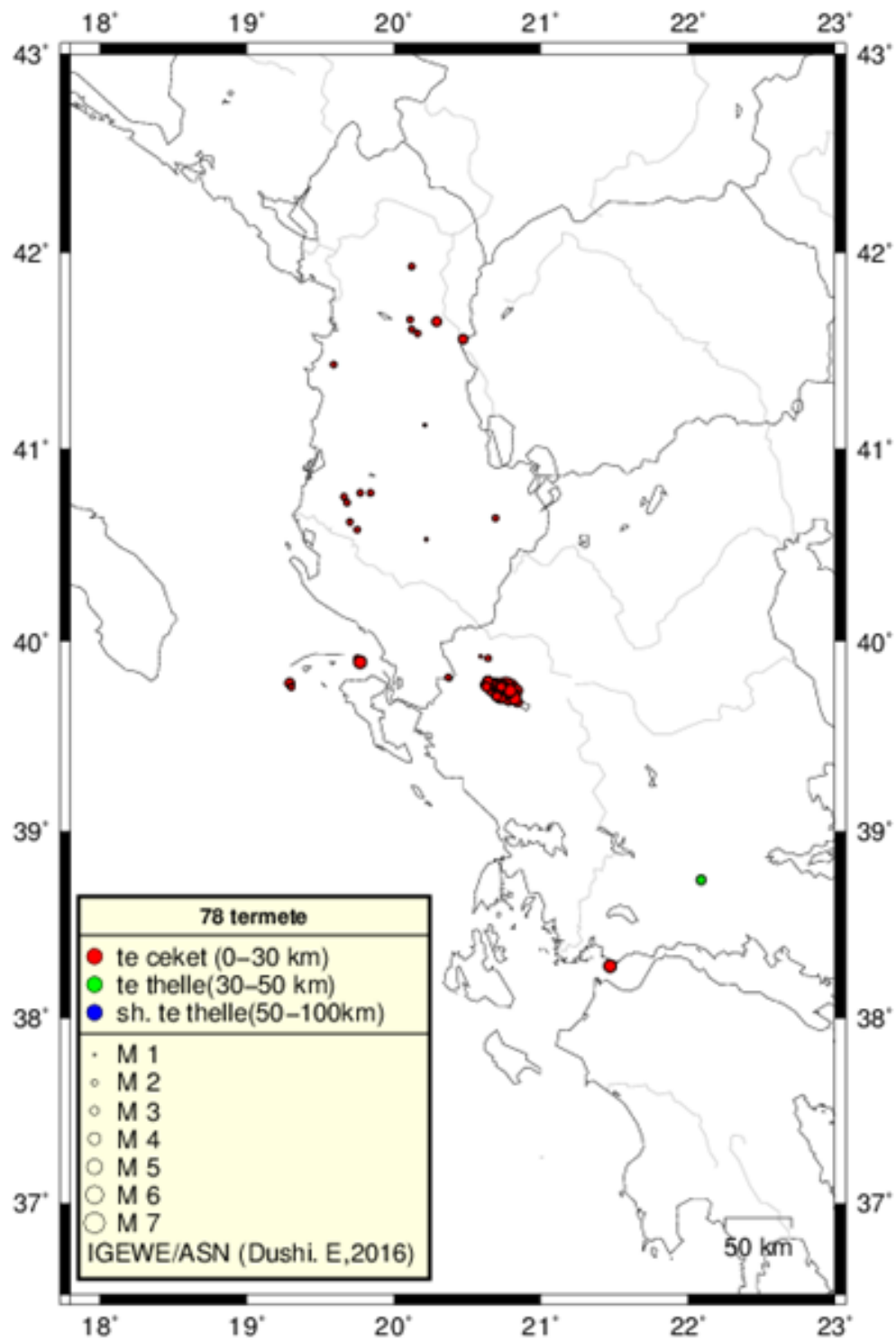
### **Ngjarja 10 (Event 10):**

Datë 16.10.2016, në orën 19:01:02.4(UTC); lokalizuar 39.74V; 20.79, 16 km në Veri-Perëndim të qytetit të Janines, Greqi; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= V-VI ballë (EMS-98); Ndjerë: IV ballë në qytetet e Leskovikut, Gjirokastres dhe Sarandes. III-IV ballë në qytetet Himarë, Tepelenë, Memaliaj dhe Permet. III ballë në qytetet Vlorë, Corovodë dhe Korce.

(Intensity I<sub>0</sub> = V-VI degree EMS-98, felt V degree at Leskoviku, Gjirokastra and Saranda towns. III-IV degree at Himara, Tepelena, Memaliaj and Permeti towns. III degree at Vlora, Corovoda and Korca towns.)

**Shënim:** Intensiteti i tërmetit në epiqendër I<sub>0</sub> është përcaktuar nga relacioni  $I_0 = (\text{Mag} (M_{L/d}) - 1)/0.6$

**Note:** The earthquake Intensity in epicenter I<sub>0</sub> is derived from the relation  $I_0 = (\text{Mag} (ML/d) - 1)/0.6$



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Tetor 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(Epicentral map for located seismicity within Albania and surrounding during October 2016)

## Statistika e ngjarjeve (Events Statistics)

**Tab. 5** – Të dhënat përfaqësuese për statistikën e ngjarjeve (representative earthquake statistical data)

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 <sup>o</sup> -43 <sup>o</sup> V; 18.5 <sup>o</sup> -21.5 <sup>o</sup> L)	[total recorded number of seismic events]	77
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	21
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	7
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	22
Magnituda lokale minimale e vrojtuar (M <sub>Ld</sub> )	[minimum observed local magnitude]	1.5
Magnituda lokale maksimale e vrojtuar (M <sub>Ld</sub> )	[maximum observed local magnitude]	5.5
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	VII-VIII

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