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Bulletin title block
    Bulletin title

Event title block
    Event identification number    Geographic region

Origin block
    Date              epicenter date (yyyy/mm/dd)
        Time          epicenter time (hh:mm:ss.ss)
                      fixed flag ('f') appended if fixed origin time solution
        Err           origin time error (seconds) if not fixed origin time
        RMS           root mean square of time residuals (seconds)
        Latitude      latitude (negative for South)
        Longitude     longitude (negative for West)
                      fixed flag ('f') appended if fixed epicenter solution
        Smaj          semi-major axis of 90% ellipse or its estimate (km) if not fixed epicen
ter
        Smin          semi-minor axis of 90% ellipse or its estimate (km) if not fixed epicen
ter
        Az            strike (0<=x<=360) of error ellipse clockwise from North (degrees)
        Depth         depth (km)
                      fixed flag ('f') appended if fixed depth solution
        Err           depth error 90% (km) if not fixed depth
        Ndef          number of defining phases
        Nsta          number of defining stations
        Gap           gap in azimuth coverage (degrees)
        mdist         distance to closest station (degrees)
        Mdist         distance to furthest station (degrees)
        Qual          analyst type: (a=automatic, m=manual, g=guess)
                      location method: (i=inversion, p=pattern recognition, g=ground truth, o
=other)
                      event type: uk=unknown
                                  ke=known earthquake
                                  se=suspected earthquake
                                  kr=known rockburst
                                  sr=suspected rockburst
                                  ki=known induced event
                                  si=suspected induced event
                                  km=known mine explosion
                                  sm=suspected mine explosion
                                  kx=known experimental explosion
                                  sx=suspected experimental explosion
                                  kn=known nuclear explosion
                                  sn=suspected nuclear explosion
                                  ls=landslide
        Author        author of the origin
        OrigID        origin identification

Magnitude sub block
    Magnitude         magnitude type (mb, Ms, ML, mbmle, msmle)
                      magnitude value
        Err           standard magnitude error
        Nsta          number of stations used to calculate magnitude
        Author        author of the origin
        OrigID        origin identification

Comment sub block
    (Any comment)

Phase block
        Sta           station code
        Dist          station-to-event distance (degrees)
        EvAz          event-to-station azimuth (degrees)
        Phase         phase code
        Time          arrival time (hh:mm:ss.sss)
        TRes          time residual (seconds)
        Azim          observed azimuth (degrees)
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AzRes        azimuth residual (degrees)
Slow         observed slowness (seconds/degree)
SRes         slowness residual (seconds/degree)
Def          defining flags (T=time, A=azimuth, S=slowness)
SNR          signal-to-noise ratio
Amp          amplitude (nanometers)
Per          period (seconds)
Qual         type of pick (a=automatic, m=manual)
             direction of short period motion (c=compression, d=dilatation)
             onset quality (i=impulsive, e=emergent, q=questionable)
Magnitude    magnitude type (mb, Ms, ML, mbmle, msmle)
             magnitude value
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