

```
#!/usr/bin/php

<?php

while(1) {

    exec('/usr/bin/predict -q /root/.predict/predict.qth -t /home/romik/weather.tle -f "NOAA 15" >
/sat/pos.txt');

    $data = file_get_contents("/sat/pos.txt");
    $convert = explode("\n", $data);

    $convert[0] = preg_replace('/\s+/', '', $convert[0]);
    $line = explode(" ", $convert[0]);

    //Process Easycomm II rotator commands
    //Easycomm II position command: AZnn.n ELnn.n UP000 XXX DN000 XXX\n
    //Easycomm II query command: AZ EL \n

    $el = $line[4]; // EL
    $az = $line[5]; // AZ

    $socket = socket_create(AF_INET, SOCK_STREAM, SOL_TCP);
    $result = socket_connect($socket, "20.20.20.29", 23);

    if ($result === false) { echo "Error Socket\n"; exit(0); }

    $dt = "DT".date("Hi")."\r\n";

    $pos = "AZ".$az.".0 EL".$el.".0 UP000 XXX DN000 XXX\r\n";

    echo $pos;
    echo $dt;

    socket_write($socket, $pos, strlen($pos));
    socket_write($socket, $dt, strlen($pos));
    socket_close($socket);

    sleep(2);

}

?>
```