

# Template:SAS device Parameter list - Manual Geofence

## Manual Geofence

### Manual Geofence Selection

| Parameter ID | Parameter Type | Default value  | Value range |         | Value  | Parameter name    |
|--------------|----------------|----------------|-------------|---------|--|-------------------|
|              |                |                | Min         | Max     |  |                   |
| 20100        | Uint8          | 0              | 0           | 3       | 0 - Disabled<br>1 - Low<br>2 - High<br>3 - Panic                           | Priority          |
| 20101        | Uint8          | 1              | 0           | 3       | 0 - No event<br>1 - On exiting zone<br>2 - On entering zone<br>3 - On both | Generate Event    |
| 20102        | Uint8          | 1              | 0           | 1       | 0 - Disable<br>1 - Enable  | Eventual records  |
| 20103        | Uint32         | 1              | 0           | 1000000 | Border value   | Frame border      |
| 20104        | Uint8          | 1              | 0           | 1       | 0 - Circle<br>1 - Rectangle  | Shape type        |
| 20105        | Uint32         | 5              | 0           | 1000000 | Metres   | Radius            |
| 20106        | Double         | 0              | -180        | 180     | Coordinate   | X1                |
| 20107        | Double         | 0              | -90         | 90      | Coordinate   | Y1                |
| 20108        | Double         | 0              | -180        | 180     | Coordinate   | X2                |
| 20109        | Double         | 0              | -90         | 90      | Coordinate   | Y2                |
| 20110        | Uint8          | 0              | 0           | 1       | 0 - Disable<br>1 - Enable  | Overspeeding      |
| 20111        | Uint16         | 90             | 0           | 1000    | km/h   | Max allowed speed |
| 7025         | Uint8          | 0              | 0           | 10      | Phone number   | Send SMS to       |
| 8025         | String         | Geozone Zone # | 0           | 160     | Text   | SMS text          |

Similarly to a group defined in the upper table:

| Zone number | Parameter ID |                  |                  |              |            |        |       |       |       |       |              |                   |             |          |
|-------------|--------------|------------------|------------------|--------------|------------|--------|-------|-------|-------|-------|--------------|-------------------|-------------|----------|
|             | Priority     | Event generating | Eventual records | Frame border | Shape type | Radius | X1    | Y1    | X2    | Y2    | Overspeeding | Max allowed speed | Send sms to | SMS text |
| 1           | 20100        | 20101            | 20102            | 20103        | 20104      | 20105  | 20106 | 20107 | 20108 | 20109 | 20110        | 20111             | 7025        | 8025     |
| 2           | 20120        | 20121            | 20122            | 20123        | 20124      | 20125  | 20126 | 20127 | 20128 | 20129 | 20130        | 20131             | 7026        | 8026     |
| 3           | 20140        | 20141            | 20142            | 20143        | 20144      | 20145  | 20146 | 20147 | 20148 | 20149 | 20150        | 20151             | 7027        | 8027     |
| 4           | 20160        | 20161            | 20162            | 20163        | 20164      | 20165  | 20166 | 20167 | 20168 | 20169 | 20170        | 20171             | 7028        | 8028     |
| 5           | 20180        | 20181            | 20182            | 20183        | 20184      | 20185  | 20186 | 20187 | 20188 | 20189 | 20190        | 20191             | 7029        | 8029     |
| 6           | 20200        | 20201            | 20202            | 20203        | 20204      | 20205  | 20206 | 20207 | 20208 | 20209 | 20210        | 20211             | 7071        | 8071     |
| 7           | 20220        | 20221            | 20222            | 20223        | 20224      | 20225  | 20226 | 20227 | 20228 | 20229 | 20230        | 20231             | 7072        | 8072     |
| 8           | 20240        | 20241            | 20242            | 20243        | 20244      | 20245  | 20246 | 20247 | 20248 | 20249 | 20250        | 20251             | 7073        | 8073     |
| 9           | 20260        | 20261            | 20262            | 20263        | 20264      | 20265  | 20266 | 20267 | 20268 | 20269 | 20270        | 20271             | 7074        | 8074     |
| 10          | 20280        | 20281            | 20282            | 20283        | 20284      | 20285  | 20286 | 20287 | 20288 | 20289 | 20290        | 20291             | 7075        | 8075     |
| 11          | 20300        | 20301            | 20302            | 20303        | 20304      | 20305  | 20306 | 20307 | 20308 | 20309 | 20310        | 20311             | 7076        | 8076     |
| 12          | 20320        | 20321            | 20322            | 20323        | 20324      | 20325  | 20326 | 20327 | 20328 | 20329 | 20330        | 20331             | 7077        | 8077     |
| 13          | 20340        | 20341            | 20342            | 20343        | 20344      | 20345  | 20346 | 20347 | 20348 | 20349 | 20350        | 20351             | 7078        | 8078     |
| 14          | 20360        | 20361            | 20362            | 20363        | 20364      | 20365  | 20366 | 20367 | 20368 | 20369 | 20370        | 20371             | 7079        | 8079     |
| 15          | 20380        | 20381            | 20382            | 20383        | 20384      | 20385  | 20386 | 20387 | 20388 | 20389 | 20390        | 20391             | 7080        | 8080     |
| 16          | 20400        | 20401            | 20402            | 20403        | 20404      | 20405  | 20406 | 20407 | 20408 | 20409 | 20410        | 20411             | 7081        | 8081     |
| 17          | 20420        | 20421            | 20422            | 20423        | 20424      | 20425  | 20426 | 20427 | 20428 | 20429 | 20430        | 20431             | 7082        | 8082     |
| 18          | 20440        | 20441            | 20442            | 20443        | 20444      | 20445  | 20446 | 20447 | 20448 | 20449 | 20450        | 20451             | 7083        | 8083     |
| 19          | 20460        | 20461            | 20462            | 20463        | 20464      | 20465  | 20466 | 20467 | 20468 | 20469 | 20470        | 20471             | 7084        | 8084     |
| 20          | 20480        | 20481            | 20482            | 20483        | 20484      | 20485  | 20486 | 20487 | 20488 | 20489 | 20490        | 20491             | 7085        | 8085     |
| 21          | 20500        | 20501            | 20502            | 20503        | 20504      | 20505  | 20506 | 20507 | 20508 | 20509 | 20510        | 20511             | 7086        | 8086     |
| 22          | 20520        | 20521            | 20522            | 20523        | 20524      | 20525  | 20526 | 20527 | 20528 | 20529 | 20530        | 20531             | 7087        | 8087     |
| 23          | 20540        | 20541            | 20542            | 20543        | 20544      | 20545  | 20546 | 20547 | 20548 | 20549 | 20550        | 20551             | 7088        | 8088     |
| 24          | 20560        | 20561            | 20562            | 20563        | 20564      | 20565  | 20566 | 20567 | 20568 | 20569 | 20570        | 20571             | 7089        | 8089     |
| 25          | 20580        | 20581            | 20582            | 20583        | 20584      | 20585  | 20586 | 20587 | 20588 | 20589 | 20590        | 20591             | 7090        | 8090     |
| 26          | 20600        | 20601            | 20602            | 20603        | 20604      | 20605  | 20606 | 20607 | 20608 | 20609 | 20610        | 20611             | 7091        | 8091     |
| 27          | 20620        | 20621            | 20622            | 20623        | 20624      | 20625  | 20626 | 20627 | 20628 | 20629 | 20630        | 20631             | 7092        | 8092     |
| 28          | 20640        | 20641            | 20642            | 20643        | 20644      | 20645  | 20646 | 20647 | 20648 | 20649 | 20650        | 20651             | 7093        | 8093     |
| 29          | 20660        | 20661            | 20662            | 20663        | 20664      | 20665  | 20666 | 20667 | 20668 | 20669 | 20670        | 20671             | 7094        | 8094     |

|    |       |       |       |       |       |       |       |       |       |       |       |       |      |      |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 30 | 20680 | 20681 | 20682 | 20683 | 20684 | 20685 | 20686 | 20687 | 20688 | 20689 | 20690 | 20691 | 7095 | 8095 |
| 31 | 20700 | 20701 | 20702 | 20703 | 20704 | 20705 | 20706 | 20707 | 20708 | 20709 | 20710 | 20711 | 7096 | 8096 |
| 32 | 20720 | 20721 | 20722 | 20723 | 20724 | 20725 | 20726 | 20727 | 20728 | 20729 | 20730 | 20731 | 7097 | 8097 |
| 33 | 20740 | 20741 | 20742 | 20743 | 20744 | 20745 | 20746 | 20747 | 20748 | 20749 | 20750 | 20751 | 7098 | 8098 |
| 34 | 20760 | 20761 | 20762 | 20763 | 20764 | 20765 | 20766 | 20767 | 20768 | 20769 | 20770 | 20771 | 7099 | 8099 |
| 35 | 20780 | 20781 | 20782 | 20783 | 20784 | 20785 | 20786 | 20787 | 20788 | 20789 | 20790 | 20791 | 7100 | 8100 |
| 36 | 20800 | 20801 | 20802 | 20803 | 20804 | 20805 | 20806 | 20807 | 20808 | 20809 | 20810 | 20811 | 7101 | 8101 |
| 37 | 20820 | 20821 | 20822 | 20823 | 20824 | 20825 | 20826 | 20827 | 20828 | 20829 | 20830 | 20831 | 7102 | 8102 |
| 38 | 20840 | 20841 | 20842 | 20843 | 20844 | 20845 | 20846 | 20847 | 20848 | 20849 | 20850 | 20851 | 7103 | 8103 |
| 39 | 20860 | 20861 | 20862 | 20863 | 20864 | 20865 | 20866 | 20867 | 20868 | 20869 | 20870 | 20871 | 7104 | 8104 |
| 40 | 20880 | 20881 | 20882 | 20883 | 20884 | 20885 | 20886 | 20887 | 20888 | 20889 | 20890 | 20891 | 7105 | 8105 |
| 41 | 20900 | 20901 | 20902 | 20903 | 20904 | 20905 | 20906 | 20907 | 20908 | 20909 | 20910 | 20911 | 7106 | 8106 |
| 42 | 20920 | 20921 | 20922 | 20923 | 20924 | 20925 | 20926 | 20927 | 20928 | 20929 | 20930 | 20931 | 7107 | 8107 |
| 43 | 20940 | 20941 | 20942 | 20943 | 20944 | 20945 | 20946 | 20947 | 20948 | 20949 | 20950 | 20951 | 7108 | 8108 |
| 44 | 20960 | 20961 | 20962 | 20963 | 20964 | 20965 | 20966 | 20967 | 20968 | 20969 | 20970 | 20971 | 7109 | 8109 |
| 45 | 20980 | 20981 | 20982 | 20983 | 20984 | 20985 | 20986 | 20987 | 20988 | 20989 | 20990 | 20991 | 7110 | 8110 |
| 46 | 21000 | 21001 | 21002 | 21003 | 21004 | 21005 | 21006 | 21007 | 21008 | 21009 | 21010 | 21011 | 7111 | 8111 |
| 47 | 21020 | 21021 | 21022 | 21023 | 21024 | 21025 | 21026 | 21027 | 21028 | 21029 | 21030 | 21031 | 7112 | 8112 |
| 48 | 21040 | 21041 | 21042 | 21043 | 21044 | 21045 | 21046 | 21047 | 21048 | 21049 | 21050 | 21051 | 7113 | 8113 |
| 49 | 21060 | 21061 | 21062 | 21063 | 21064 | 21065 | 21066 | 21067 | 21068 | 21069 | 21070 | 21071 | 7114 | 8114 |
| 50 | 21080 | 21081 | 21082 | 21083 | 21084 | 21085 | 21086 | 21087 | 21088 | 21089 | 21090 | 21091 | 7115 | 8115 |