```
Input: Change VISOR exposure to short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"", "command name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "SHORT"}, "hex output": "0x00A3091832C0000002030000"}
Input: Adjust VISOR settings: exposure to short
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"SHORT\"", "command name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "SHORT"}, "hex_output": "0x00A3091832C0000002030000"}
Input: Configure VISOR with exposure = short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"", "command_name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "SHORT"}, "hex_output": "0x00A3091832C0000002030000"}
Input: Initiate VISOR SET EXPOSURE with exposure = short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"", "command_name": "VISOR SET EXPOSURE", "parameters": {"EXPOSURE": "SHORT"}, "hex_output": "0x00A3091832C0000002030000"}
Input: Activate VISOR SET EXPOSURE where exposure equals short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"","command_name":"VISOR SET EXPOSURE","parameters": {"EXPOSURE":"SHORT"},"hex_output":"0x00A3091832C0000002030000"}
Input: Configure VISOR with exposure = short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"SHORT"},"hex_output":"0x00A3091832C0000002030000"}
Input: Run VISOR SET EXPOSURE using short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"SHORT"},"hex_output":"0x00A3091832C0000002030000"}
Input: Configure VISOR with exposure = short
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"SHORT\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "SHORT"}, "hex output": "0x00A3091832C0000002030000"}
Input: Start VISOR using short exposure
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"SHORT\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "SHORT"}, "hex output": "0x00A3091832C0000002030000"}
Input: Activate VISOR SET EXPOSURE where exposure equals short
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"SHORT\"", "command_name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "SHORT"}, "hex output": "0x00A3091832C0000002030000"}
```

```
Input: Initiate VISOR SET EXPOSURE with exposure = medium
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex_output": "0x00A3091832C0000002030001"}
Input: Configure VISOR with exposure = medium
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"MEDIUM\"", "command name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "MEDIUM"}, "hex output": "0x00A3091832C0000002030001"}
Input: Start VISOR using medium exposure
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex_output": "0x00A3091832C0000002030001"}
Input: Run VISOR SET EXPOSURE using medium
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex_output": "0x00A3091832C0000002030001"}
Input: Activate VISOR SET EXPOSURE where exposure equals medium
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex_output": "0x00A3091832C0000002030001"}
Input: Configure VISOR with exposure = medium
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"MEDIUM"},"hex_output":"0x00A3091832C0000002030001"}
Input: Run VISOR SET EXPOSURE using medium
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex output": "0x00A3091832C0000002030001"}
Input: Run VISOR SET EXPOSURE using medium
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex output": "0x00A3091832C0000002030001"}
Input: Activate VISOR SET EXPOSURE where exposure equals medium
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex output": "0x00A3091832C0000002030001"}
Input: Change VISOR exposure to medium
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"MEDIUM\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE": "MEDIUM"}, "hex output": "0x00A3091832C0000002030001"}
```

```
Input: Use long exposure setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"", "command name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE":"LONG"},"hex output":"0x00A3091832C0000002030002"}
Input: Start VISOR using long exposure
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"LONG\"", "command name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE": "LONG"}, "hex_output": "0x00A3091832C0000002030002"}
Input: Set VISOR exposure to long
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
Input: Use long exposure setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
Input: Run VISOR SET EXPOSURE using long
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"", "command_name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
Input: Configure VISOR with exposure = long
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
Input: Activate VISOR SET EXPOSURE where exposure equals long
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
Input: Initiate VISOR SET EXPOSURE with exposure = long
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"", "command_name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE":"LONG"},"hex output":"0x00A3091832C0000002030002"}
Input: Start VISOR using long exposure
Output: {"subsystem":"VISOR","directive":"VISOR SET EXPOSURE
EXPOSURE=\"LONG\"", "command_name": "VISOR SET EXPOSURE", "parameters":
{"EXPOSURE":"LONG"},"hex output":"0x00A3091832C0000002030002"}
Input: Start VISOR using long exposure
Output: {"subsystem":"VISOR","directive":"VISOR_SET_EXPOSURE
EXPOSURE=\"LONG\"","command_name":"VISOR SET EXPOSURE","parameters":
{"EXPOSURE":"LONG"},"hex_output":"0x00A3091832C0000002030002"}
```

```
Input: Adjust VISOR settings: filters to uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
Input: Activate VISOR SET FILTERS where filters equals uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
Input: Use uv filters setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"}, "hex_output":"0x00A2091832C0000002020000"}
Input: Adjust VISOR settings: filters to uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex_output":"0x00A2091832C0000002020000"}
Input: Change VISOR filters to uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex_output":"0x00A2091832C0000002020000"}
Input: Set VISOR filters to uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"UV"},"hex_output":"0x00A2091832C0000002020000"}
Input: Set VISOR filters to uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
Input: Activate VISOR SET FILTERS where filters equals uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
Input: Activate VISOR SET FILTERS where filters equals uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
Input: Initiate VISOR SET FILTERS with filters = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"UV\"", "command_name": "VISOR SET FILTERS", "parameters":
{"FILTERS":"UV"},"hex output":"0x00A2091832C0000002020000"}
```

```
Input: Adjust VISOR settings: filters to vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command name":"VISOR SET FILTERS","parameters":
{"FILTERS":"VIS"},"hex output":"0x00A2091832C0000002020001"}
Input: Initiate VISOR SET FILTERS with filters = vis
Output: {"subsystem":"VISOR","directive":"VISOR SET FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"VIS"},"hex_output":"0x00A2091832C0000002020001"}
Input: Use vis filters setting on VISOR
Output: {"subsystem":"VISOR", "directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"VIS"},"hex_output":"0x00A2091832C0000002020001"}
Input: Activate VISOR SET FILTERS where filters equals vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"VIS"},"hex_output":"0x00A2091832C0000002020001"}
Input: Initiate VISOR SET FILTERS with filters = vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"VIS"},"hex_output":"0x00A2091832C0000002020001"}
Input: Change VISOR filters to vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"VIS"},"hex_output":"0x00A2091832C0000002020001"}
Input: Configure VISOR with filters = vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"VIS"},"hex output":"0x00A2091832C0000002020001"}
Input: Set VISOR filters to vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"VIS"},"hex output":"0x00A2091832C0000002020001"}
Input: Start VISOR using vis filters
Output: {"subsystem":"VISOR","directive":"VISOR SET FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"VIS"},"hex output":"0x00A2091832C0000002020001"}
Input: Initiate VISOR SET FILTERS with filters = vis
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"VIS\"","command_name":"VISOR SET FILTERS","parameters":
```

{"FILTERS":"VIS"},"hex output":"0x00A2091832C0000002020001"}

```
Input: Change VISOR filters to nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Activate VISOR SET FILTERS where filters equals nir
Output: {"subsystem":"VISOR","directive":"VISOR SET FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Set VISOR filters to nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Activate VISOR SET FILTERS where filters equals nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Run VISOR SET FILTERS using nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Use nir filters setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters": {"FILTERS":"NIR"},"hex_output":"0x00A2091832C0000002020002"}
Input: Configure VISOR with filters = nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"NIR"},"hex output":"0x00A2091832C0000002020002"}
Input: Start VISOR using nir filters
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"NIR"},"hex output":"0x00A2091832C0000002020002"}
Input: Configure VISOR with filters = nir
Output: {"subsystem":"VISOR","directive":"VISOR SET FILTERS
FILTERS=\"NIR\"","command_name":"VISOR SET FILTERS","parameters":
{"FILTERS":"NIR"},"hex output":"0x00A2091832C0000002020002"}
Input: Set VISOR filters to nir
Output: {"subsystem":"VISOR","directive":"VISOR_SET_FILTERS
FILTERS=\"NIR\"", "command_name": "VISOR SET FILTERS", "parameters":
{"FILTERS":"NIR"},"hex output":"0x00A2091832C0000002020002"}
```

```
Input: Start VISOR using highres mode
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"", "command name": "VISOR SET MODE", "parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
Input: Adjust VISOR settings: mode to highres
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"HIGHRES\"", "command name": "VISOR SET MODE", "parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
Input: Initiate VISOR SET MODE with mode = highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"HIGHRES"},"hex_output":"0x00A1091832C0000002010000"}
Input: Adjust VISOR settings: mode to highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE": "HIGHRES"}, "hex_output": "0x00A1091832C0000002010000"}
Input: Initiate VISOR SET MODE with mode = highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"HIGHRES"},"hex_output":"0x00A1091832C0000002010000"}
Input: Set VISOR mode to highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"HIGHRES"},"hex_output":"0x00A1091832C0000002010000"}
Input: Use highres mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"", "command_name": "VISOR SET MODE", "parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
Input: Initiate VISOR SET MODE with mode = highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
Input: Use highres mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"HIGHRES\"", "command_name": "VISOR SET MODE", "parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
Input: Adjust VISOR settings: mode to highres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"HIGHRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"HIGHRES"},"hex output":"0x00A1091832C0000002010000"}
```

```
Input: Run VISOR SET MODE using lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters": {"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Use lowres mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters": {"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Activate VISOR SET MODE where mode equals lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters": {"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Initiate VISOR SET MODE with mode = lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters": {"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Start VISOR using lowres mode
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Initiate VISOR SET MODE with mode = lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters": {"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Set VISOR mode to lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"LOWRES"},"hex output":"0x00A1091832C0000002010001"}
Input: Initiate VISOR SET MODE with mode = lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"LOWRES"},"hex_output":"0x00A1091832C0000002010001"}
Input: Use lowres mode setting on VISOR
Output: {"subsystem":"VISOR", "directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"LOWRES"},"hex output":"0x00A1091832C0000002010001"}
Input: Change VISOR mode to lowres
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"LOWRES\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"LOWRES"},"hex output":"0x00A1091832C0000002010001"}
```

```
Input: Activate VISOR SET MODE where mode equals uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Initiate VISOR SET MODE with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"UV\"","command name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Initiate VISOR SET MODE with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex_output":"0x00A1091832C0000002010002"}
Input: Initiate VISOR SET MODE with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"", "command name": "VISOR SET MODE", "parameters":
{"MODE":"UV"},"hex_output":"0x00A1091832C0000002010002"}
Input: Initiate VISOR SET MODE with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"", "command name": "VISOR SET MODE", "parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Start VISOR using uv mode
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"", "command_name": "VISOR SET MODE", "parameters":
{"MODE":"UV"},"hex_output":"0x00A1091832C0000002010002"}
Input: Initiate VISOR SET MODE with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Activate VISOR SET MODE where mode equals uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Configure VISOR with mode = uv
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
Input: Use uv mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"UV\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"UV"},"hex output":"0x00A1091832C0000002010002"}
```

```
Input: Use multispectral mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE": "MULTISPECTRAL"}, "hex output": "0x00A1091832C0000002010003"}
Input: Configure VISOR with mode = multispectral
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE": "MULTISPECTRAL"}, "hex_output": "0x00A1091832C0000002010003"}
Input: Adjust VISOR settings: mode to multispectral
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters": {"MODE":"MULTISPECTRAL"},"hex_output":"0x00A1091832C0000002010003"}
Input: Run VISOR SET MODE using multispectral
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE": "MULTISPECTRAL"}, "hex_output": "0x00A1091832C0000002010003"}
Input: Activate VISOR SET MODE where mode equals multispectral
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"MULTISPECTRAL"},"hex_output":"0x00A1091832C0000002010003"}
Input: Use multispectral mode setting on VISOR
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters": {"MODE":"MULTISPECTRAL"},"hex_output":"0x00A1091832C0000002010003"}
Input: Initiate VISOR SET MODE with mode = multispectral
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"MULTISPECTRAL"},"hex output":"0x00A1091832C0000002010003"}
Input: Start VISOR using multispectral mode
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"MULTISPECTRAL"},"hex output":"0x00A1091832C0000002010003"}
Input: Adjust VISOR settings: mode to multispectral
Output: {"subsystem":"VISOR","directive":"VISOR SET MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters":
{"MODE":"MULTISPECTRAL"},"hex_output":"0x00A1091832C0000002010003"}
Input: Start VISOR using multispectral mode
Output: {"subsystem":"VISOR","directive":"VISOR_SET_MODE
MODE=\"MULTISPECTRAL\"","command_name":"VISOR SET MODE","parameters": {"MODE":"MULTISPECTRAL"},"hex_output":"0x00A1091832C0000002010003"}
```

```
Input: Change VMS duration to short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"", "command name": "VMS SET DURATION", "parameters":
{"DURATION": "SHORT"}, "hex output": "0x00B2091864C00000020200000"}
Input: Run VMS SET DURATION using short
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"SHORT\"", "command name": "VMS SET DURATION", "parameters":
{"DURATION": "SHORT"}, "hex_output": "0x00B2091864C00000020200000"}
Input: Set VMS duration to short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"","command_name":"VMS SET DURATION","parameters": {"DURATION":"SHORT"},"hex_output":"0x00B2091864C0000002020000"}
Input: Run VMS SET DURATION using short
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"SHORT\"", "command_name": "VMS SET DURATION", "parameters": {"DURATION": "SHORT"}, "hex_output": "0x00B2091864C0000002020000"}
Input: Adjust VMS settings: duration to short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"", "command_name": "VMS SET DURATION", "parameters": {"DURATION": "SHORT"}, "hex_output": "0x00B2091864C0000002020000"}
Input: Initiate VMS SET DURATION with duration = short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"SHORT"},"hex_output":"0x00B2091864C0000002020000"}
Input: Change VMS duration to short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"SHORT"},"hex_output":"0x00B2091864C0000002020000"}
Input: Set VMS duration to short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "SHORT"}, "hex output": "0x00B2091864C00000020200000"}
Input: Initiate VMS SET DURATION with duration = short
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "SHORT"}, "hex output": "0x00B2091864C00000020200000"}
Input: Start VMS using short duration
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"SHORT\"", "command_name": "VMS SET DURATION", "parameters":
{"DURATION": "SHORT"}, "hex output": "0x00B2091864C00000020200000"}
```

```
Input: Activate VMS SET DURATION where duration equals medium
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex output": "0x00B2091864C00000020200001"}
Input: Run VMS SET DURATION using medium
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"MEDIUM\"","command name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex_output": "0x00B2091864C00000020200001"}
Input: Start VMS using medium duration
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex_output": "0x00B2091864C0000002020001"}
Input: Use medium duration setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex_output": "0x00B2091864C0000002020001"}
Input: Start VMS using medium duration
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex_output": "0x00B2091864C0000002020001"}
Input: Use medium duration setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"MEDIUM"},"hex_output":"0x00B2091864C0000002020001"}
Input: Configure VMS with duration = medium
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex output": "0x00B2091864C00000020200001"}
Input: Initiate VMS SET DURATION with duration = medium
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"", "command_name": "VMS SET DURATION", "parameters":
{"DURATION": "MEDIUM"}, "hex output": "0x00B2091864C00000020200001"}
Input: Configure VMS with duration = medium
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"MEDIUM\"","command_name":"VMS SET DURATION","parameters":
{"DURATION": "MEDIUM"}, "hex output": "0x00B2091864C00000020200001"}
Input: Initiate VMS SET DURATION with duration = medium
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"MEDIUM\"", "command_name": "VMS SET DURATION", "parameters":
{"DURATION": "MEDIUM"}, "hex output": "0x00B2091864C00000020200001"}
```

```
Input: Set VMS duration to long
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex output":"0x00B2091864C0000002020002"}
Input: Change VMS duration to long
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"LONG\"","command name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Initiate VMS SET DURATION with duration = long
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Start VMS using long duration
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Use long duration setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Change VMS duration to long
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Use long duration setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Adjust VMS settings: duration to long
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Use long duration setting on VMS
Output: {"subsystem":"VMS","directive":"VMS SET DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
Input: Configure VMS with duration = long
Output: {"subsystem":"VMS","directive":"VMS_SET_DURATION
DURATION=\"LONG\"","command_name":"VMS SET DURATION","parameters":
{"DURATION":"LONG"},"hex_output":"0x00B2091864C0000002020002"}
```

Input: Initiate VMS SET ALTITUDE with altitude = 40km Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE ALTITUDE=\"40KM\"","command name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex output":"0x00B4091864C0000002040000"} Input: Initiate VMS SET ALTITUDE with altitude = 40km Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE ALTITUDE=\"40KM\"","command name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Initiate VMS SET ALTITUDE with altitude = 40km Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Set VMS altitude to 40km Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Use 40km altitude setting on VMS Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Adjust VMS settings: altitude to 40km Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Activate VMS SET ALTITUDE where altitude equals 40km Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Adjust VMS settings: altitude to 40km Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"} Input: Adjust VMS settings: altitude to 40km Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex output":"0x00B4091864C0000002040000"} Input: Run VMS SET ALTITUDE using 40km Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE

ALTITUDE=\"40KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"40KM"},"hex_output":"0x00B4091864C0000002040000"}

```
Input: Initiate VMS SET ALTITUDE with altitude = 50km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "50KM"}, "hex output": "0x00B4091864C0000002040001"}
Input: Use 50km altitude setting on VMS
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"50KM\"","command name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "50KM"}, "hex_output": "0x00B4091864C0000002040001"}
Input: Initiate VMS SET ALTITUDE with altitude = 50km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Configure VMS with altitude = 50km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Start VMS using 50km altitude
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Run VMS SET ALTITUDE using 50km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Use 50km altitude setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Start VMS using 50km altitude
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "50KM"}, "hex output": "0x00B4091864C0000002040001"}
Input: Run VMS SET ALTITUDE using 50km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
Input: Initiate VMS SET ALTITUDE with altitude = 50km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"50KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"50KM"},"hex_output":"0x00B4091864C0000002040001"}
```

```
Input: Change VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"60KM\"","command name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "60KM"}, "hex output": "0x00B4091864C0000002040002"}
Input: Set VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"60KM\"","command name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "60KM"}, "hex_output": "0x00B4091864C0000002040002"}
Input: Change VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"60KM"},"hex_output":"0x00B4091864C0000002040002"}
Input: Run VMS SET ALTITUDE using 60km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "60KM"}, "hex_output": "0x00B4091864C0000002040002"}
Input: Activate VMS SET ALTITUDE where altitude equals 60km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"60KM"},"hex_output":"0x00B4091864C0000002040002"}
Input: Configure VMS with altitude = 60km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"60KM"},"hex_output":"0x00B4091864C0000002040002"}
Input: Change VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"60KM"},"hex_output":"0x00B4091864C0000002040002"}
Input: Set VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS_SET ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE":"60KM"},"hex output":"0x00B4091864C0000002040002"}
Input: Change VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "60KM"}, "hex output": "0x00B4091864C0000002040002"}
Input: Set VMS altitude to 60km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"60KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"60KM"},"hex_output":"0x00B4091864C0000002040002"}
```

```
Input: Activate VMS SET ALTITUDE where altitude equals 70km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"70KM\"","command name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "70KM"}, "hex output": "0x00B4091864C0000002040003"}
Input: Change VMS altitude to 70km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"70KM\"","command name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE": "70KM"}, "hex_output": "0x00B4091864C0000002040003"}
Input: Run VMS SET ALTITUDE using 70km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Initiate VMS SET ALTITUDE with altitude = 70km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Activate VMS SET ALTITUDE where altitude equals 70km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Activate VMS SET ALTITUDE where altitude equals 70km
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Start VMS using 70km altitude
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Configure VMS with altitude = 70km
Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}
Input: Use 70km altitude setting on VMS
```

Input: Start VMS using 70km altitude
Output: {"subsystem":"VMS","directive":"VMS_SET_ALTITUDE
ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters":
{"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}

ALTITUDE=\"70KM\"","command_name":"VMS SET ALTITUDE","parameters": {"ALTITUDE":"70KM"},"hex_output":"0x00B4091864C0000002040003"}

Output: {"subsystem":"VMS","directive":"VMS SET ALTITUDE

```
Input: Configure VMS with prio = so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Set VMS prio to so2
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"SO2\"","command name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Initiate VMS SET GAS with prio = so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Initiate VMS SET GAS with prio = so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "SO2"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Adjust VMS settings: prio to so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Initiate VMS SET GAS with prio = so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"", "command_name": "VMS SET GAS", "parameters":
{"PRIO": "S02"}, "hex_output": "0x00B3091864C0000002030000"}
Input: Use so2 prio setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex output": "0x00B3091864C0000002030000"}
Input: Activate VMS SET GAS where prio equals so2
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex output": "0x00B3091864C0000002030000"}
Input: Run VMS SET GAS using so2
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex output": "0x00B3091864C0000002030000"}
Input: Activate VMS SET GAS where prio equals so2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"SO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "S02"}, "hex output": "0x00B3091864C0000002030000"}
```

```
Input: Change VMS prio to co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command name":"VMS SET GAS","parameters":
{"PRIO":"CO2"}, "hex_output":"0x00B3091864C0000002030001"}
Input: Use co2 prio setting on VMS
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"CO2\"","command name":"VMS SET GAS","parameters":
{"PRIO":"C02"},"hex_output":"0x00B3091864C0000002030001"}
Input: Run VMS SET GAS using co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"}, "hex_output":"0x00B3091864C0000002030001"}
Input: Configure VMS with prio = co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO": "CO2"}, "hex_output": "0x00B3091864C0000002030001"}
Input: Configure VMS with prio = co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"}, "hex_output":"0x00B3091864C0000002030001"}
Input: Set VMS prio to co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"}, "hex_output":"0x00B3091864C0000002030001"}
Input: Initiate VMS SET GAS with prio = co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"},"hex output":"0x00B3091864C0000002030001"}
Input: Activate VMS SET GAS where prio equals co2
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"},"hex output":"0x00B3091864C0000002030001"}
Input: Set VMS prio to co2
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"CO2\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"CO2"},"hex output":"0x00B3091864C0000002030001"}
Input: Initiate VMS SET GAS with prio = co2
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"CO2\"", "command_name": "VMS SET GAS", "parameters":
{"PRIO":"CO2"},"hex output":"0x00B3091864C0000002030001"}
```

```
Input: Initiate VMS SET GAS with prio = ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"0CS"}, "hex_output":"0x00B3091864C0000002030002"}
Input: Adjust VMS settings: prio to ocs
Output: {"subsystem":"VMS","directive":"VMS SET GAS
PRIO=\"OCS\"","command name":"VMS SET GAS","parameters":
{"PRIO":"0CS"}, "hex_output": "0x00B3091864C0000002030002"}
Input: Change VMS prio to ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"0CS"}, "hex_output": "0x00B3091864C0000002030002"}
Input: Use ocs prio setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"}, "hex_output": "0x00B3091864C0000002030002"}
Input: Adjust VMS settings: prio to ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"}, "hex_output":"0x00B3091864C0000002030002"}
Input: Use ocs prio setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"}, "hex_output": "0x00B3091864C0000002030002"}
Input: Adjust VMS settings: prio to ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"},"hex output":"0x00B3091864C0000002030002"}
Input: Start VMS using ocs prio
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"},"hex output":"0x00B3091864C0000002030002"}
Input: Change VMS prio to ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"},"hex output":"0x00B3091864C0000002030002"}
Input: Adjust VMS settings: prio to ocs
Output: {"subsystem":"VMS","directive":"VMS_SET_GAS
PRIO=\"OCS\"","command_name":"VMS SET GAS","parameters":
{"PRIO":"OCS"}, "hex output": "0x00B3091864C0000002030002"}
```

```
Input: Set VMS mode to survey
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Change VMS mode to survey
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Run VMS SET MODE using survey
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Start VMS using survey mode
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Use survey mode setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SURVEY"}, "hex_output": "0x00B1091864C0000002010000"}
Input: Initiate VMS SET MODE with mode = survey
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Start VMS using survey mode
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters": {"MODE":"SURVEY"},"hex_output":"0x00B1091864C0000002010000"}
Input: Start VMS using survey mode
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SURVEY"}, "hex output": "0x00B1091864C0000002010000"}
Input: Start VMS using survey mode
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SURVEY"}, "hex output": "0x00B1091864C0000002010000"}
Input: Set VMS mode to survey
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SURVEY\"","command_name":"VMS SET MODE","parameters":
{"MODE":"SURVEY"},"hex output":"0x00B1091864C0000002010000"}
```

```
Input: Set VMS mode to highfreg
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00B1091864C0000002010001"}
Input: Change VMS mode to highfreq
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
Input: Run VMS SET MODE using highfred
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
Input: Run VMS SET MODE using highfreq
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
Input: Use highfreq mode setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
Input: Run VMS SET MODE using highfreq
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE": "HIGHFREQ"}, "hex_output": "0x00B1091864C0000002010001"}
Input: Initiate VMS SET MODE with mode = highfreq
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
Input: Change VMS mode to highfreg
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00B1091864C0000002010001"}
Input: Change VMS mode to highfreq
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00B1091864C0000002010001"}
Input: Set VMS mode to highfreq
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VMS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00B1091864C0000002010001"}
```

```
Input: Start VMS using scan mode
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00B1091864C0000002010002"}
Input: Initiate VMS SET MODE with mode = scan
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SCAN"}, "hex_output": "0x00B1091864C0000002010002"}
Input: Start VMS using scan mode
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00B1091864C0000002010002"}
Input: Use scan mode setting on VMS
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00B1091864C0000002010002"}
Input: Run VMS SET MODE using scan
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00B1091864C0000002010002"}
Input: Run VMS SET MODE using scan
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE":"SCAN"},"hex_output":"0x00B1091864C0000002010002"}
Input: Initiate VMS SET MODE with mode = scan
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00B1091864C0000002010002"}
Input: Adjust VMS settings: mode to scan
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00B1091864C0000002010002"}
Input: Change VMS mode to scan
Output: {"subsystem":"VMS","directive":"VMS SET MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00B1091864C0000002010002"}
Input: Change VMS mode to scan
Output: {"subsystem":"VMS","directive":"VMS_SET_MODE
MODE=\"SCAN\"","command_name":"VMS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00B1091864C0000002010002"}
```

```
Input: Set VTLS range to 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
Input: Activate VTLS ALTITUDE RANGE where range equals 40km
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"40KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
Input: Run VTLS ALTITUDE RANGE using 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"40KM"},"hex_output":"0x00C4091896C0000002040000"}
Input: Use 40km range setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"40KM"}, "hex_output":"0x00C4091896C0000002040000"}
Input: Set VTLS range to 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"40KM"},"hex_output":"0x00C4091896C0000002040000"}
Input: Start VTLS using 40km range
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"","command_name":"VTLS ALTITUDE RANGE","parameters": {"RANGE":"40KM"},"hex_output":"0x00C4091896C0000002040000"}
Input: Set VTLS range to 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
Input: Adjust VTLS settings: range to 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
Input: Start VTLS using 40km range
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"40KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
Input: Adjust VTLS settings: range to 40km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"40KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"40KM"},"hex output":"0x00C4091896C0000002040000"}
```

```
Input: Start VTLS using 50km range
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
Input: Use 50km range setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"50KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
Input: Adjust VTLS settings: range to 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"50KM"},"hex_output":"0x00C4091896C0000002040001"}
Input: Configure VTLS with range = 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE": "50KM"}, "hex_output": "0x00C4091896C0000002040001"}
Input: Configure VTLS with range = 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE": "50KM"}, "hex_output": "0x00C4091896C0000002040001"}
Input: Activate VTLS ALTITUDE RANGE where range equals 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"50KM"},"hex_output":"0x00C4091896C0000002040001"}
Input: Run VTLS ALTITUDE RANGE using 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
Input: Initiate VTLS ALTITUDE RANGE with range = 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
Input: Initiate VTLS ALTITUDE RANGE with range = 50km
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"50KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
Input: Adjust VTLS settings: range to 50km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"50KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"50KM"},"hex output":"0x00C4091896C0000002040001"}
```

```
Input: Change VTLS range to 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
Input: Set VTLS range to 60km
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
Input: Initiate VTLS ALTITUDE RANGE with range = 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex_output":"0x00C4091896C0000002040002"}
Input: Use 60km range setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"60KM"},"hex_output":"0x00C4091896C0000002040002"}
Input: Set VTLS range to 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"60KM"},"hex_output":"0x00C4091896C0000002040002"}
Input: Activate VTLS ALTITUDE RANGE where range equals 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex_output":"0x00C4091896C0000002040002"}
Input: Activate VTLS ALTITUDE RANGE where range equals 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
Input: Configure VTLS with range = 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
Input: Start VTLS using 60km range
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
Input: Configure VTLS with range = 60km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"60KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"60KM"},"hex output":"0x00C4091896C0000002040002"}
```

```
Input: Run VTLS ALTITUDE RANGE using 70km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
Input: Configure VTLS with range = 70km
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
Input: Start VTLS using 70km range
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"},"hex_output":"0x00C4091896C0000002040003"}
Input: Use 70km range setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"70KM"}, "hex_output":"0x00C4091896C0000002040003"}
Input: Start VTLS using 70km range
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"","command name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"70KM"},"hex_output":"0x00C4091896C0000002040003"}
Input: Run VTLS ALTITUDE RANGE using 70km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"}, "hex_output":"0x00C4091896C0000002040003"}
Input: Adjust VTLS settings: range to 70km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
Input: Change VTLS range to 70km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"","command_name":"VTLS ALTITUDE RANGE","parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
Input: Change VTLS range to 70km
Output: {"subsystem":"VTLS","directive":"VTLS ALTITUDE RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
Input: Set VTLS range to 70km
Output: {"subsystem":"VTLS","directive":"VTLS_ALTITUDE_RANGE
RANGE=\"70KM\"", "command_name": "VTLS ALTITUDE RANGE", "parameters":
{"RANGE":"70KM"},"hex output":"0x00C4091896C0000002040003"}
```

```
Input: Use high frequency setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"", "command name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"HIGH"},"hex output":"0x00C3091896C0000002030000"}
Input: Configure VTLS with frequency = high
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"HIGH"},"hex output":"0x00C3091896C0000002030000"}
Input: Adjust VTLS settings: frequency to high
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Activate VTLS SET FREQUENCY where frequency equals high
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters": {"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Start VTLS using high frequency
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters": {"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Activate VTLS SET FREQUENCY where frequency equals high
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters": {"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Adjust VTLS settings: frequency to high
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters": {"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Configure VTLS with frequency = high
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
Input: Adjust VTLS settings: frequency to high
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"HIGH"},"hex output":"0x00C3091896C0000002030000"}
Input: Start VTLS using high frequency
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"HIGH\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"HIGH"},"hex_output":"0x00C3091896C0000002030000"}
```

```
Input: Run VTLS SET FREQUENCY using low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"", "command name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"LOW"}, "hex output":"0x00C3091896C0000002030001"}
Input: Change VTLS frequency to low
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"LOW\"", "command name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"LOW"}, "hex_output":"0x00C3091896C0000002030001"}
Input: Configure VTLS with frequency = low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
Input: Run VTLS SET FREQUENCY using low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"", "command_name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"LOW"}, "hex_output":"0x00C3091896C0000002030001"}
Input: Change VTLS frequency to low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"", "command_name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
Input: Initiate VTLS SET FREQUENCY with frequency = low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
Input: Start VTLS using low frequency
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"LOW\"", "command_name": "VTLS SET FREQUENCY", "parameters":
{"FREQUENCY":"LOW"},"hex output":"0x00C3091896C0000002030001"}
Input: Run VTLS SET FREQUENCY using low
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"LOW\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
Input: Initiate VTLS SET FREQUENCY with frequency = low
Output: {"subsystem":"VTLS","directive":"VTLS SET FREQUENCY
FREQUENCY=\"LOW\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
Input: Set VTLS frequency to low
Output: {"subsystem":"VTLS","directive":"VTLS_SET_FREQUENCY
FREQUENCY=\"LOW\"","command_name":"VTLS SET FREQUENCY","parameters":
{"FREQUENCY":"LOW"},"hex_output":"0x00C3091896C0000002030001"}
```

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Input: Use standard resolution setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"", "command_name": "VTLS_SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex output": "0x00C2091896C0000002020000"}
Input: Set VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS SET RESOLUTION
RESOLUTION=\"STANDARD\"", "command_name": "VTLS_SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Set VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"", "command_name": "VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Change VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"","command_name":"VTLS_SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Run VTLS SET RESOLUTION using standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"","command_name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Change VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS SET RESOLUTION
RESOLUTION=\"STANDARD\"","command_name":"VTLS_SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Change VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"","command name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Configure VTLS with resolution = standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"", "command name": "VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Change VTLS resolution to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
```

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RESOLUTION=\"STANDARD\"", "command name": "VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Use standard resolution setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"STANDARD\"", "command_name": "VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION": "STANDARD"}, "hex_output": "0x00C2091896C0000002020000"}
Input: Initiate VTLS SET RESOLUTION with resolution = fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Run VTLS SET RESOLUTION using fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Activate VTLS SET RESOLUTION where resolution equals fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION","parameters":
{"RESOLUTION":"FINE"},"hex output":"0x00C2091896C0000002020001"}
Input: Activate VTLS SET RESOLUTION where resolution equals fine
Output: {"subsystem":"VTLS","directive":"VTLS SET RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex output":"0x00C2091896C0000002020001"}
Input: Activate VTLS SET RESOLUTION where resolution equals fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex output":"0x00C2091896C0000002020001"}
Input: Change VTLS resolution to fine
Output: {"subsystem":"VTLS","directive":"VTLS SET RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION","parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Start VTLS using fine resolution
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION", "parameters":
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{"RESOLUTION":"FINE"},"hex output":"0x00C2091896C0000002020001"}
Input: Initiate VTLS SET RESOLUTION with resolution = fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Run VTLS SET RESOLUTION using fine
Output: {"subsystem":"VTLS","directive":"VTLS SET RESOLUTION
RESOLUTION=\"FINE\""."command name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Set VTLS resolution to fine
Output: {"subsystem":"VTLS","directive":"VTLS_SET_RESOLUTION
RESOLUTION=\"FINE\"","command_name":"VTLS SET
RESOLUTION", "parameters":
{"RESOLUTION":"FINE"},"hex_output":"0x00C2091896C0000002020001"}
Input: Use standard mode setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters": {"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Run VTLS SET MODE using standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters": {"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Use standard mode setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Run VTLS SET MODE using standard
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Activate VTLS SET MODE where mode equals standard
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters": {"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Change VTLS mode to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters": {"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
```

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Input: Set VTLS mode to standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "STANDARD"}, "hex output": "0x00C1091896C0000002010000"}
Input: Start VTLS using standard mode
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"STANDARD\"", "command name": "VTLS SET MODE", "parameters":
{"MODE": "STANDARD"}, "hex_output": "0x00C1091896C0000002010000"}
Input: Initiate VTLS SET MODE with mode = standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters": {"MODE":"STANDARD"},"hex_output":"0x00C1091896C0000002010000"}
Input: Configure VTLS with mode = standard
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"STANDARD\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "STANDARD"}, "hex_output": "0x00C1091896C0000002010000"}
Input: Configure VTLS with mode = highfreq
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "HIGHFREQ"}, "hex_output": "0x00C1091896C0000002010001"}
Input: Set VTLS mode to highfreq
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00C1091896C0000002010001"}
Input: Configure VTLS with mode = highfreq
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00C1091896C0000002010001"}
Input: Set VTLS mode to highfreg
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00C1091896C0000002010001"}
Input: Adjust VTLS settings: mode to highfreq
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00C1091896C0000002010001"}
Input: Start VTLS using highfreq mode
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00C1091896C0000002010001"}
```

```
Input: Start VTLS using highfreg mode
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"HIGHFREQ"},"hex output":"0x00C1091896C0000002010001"}
Input: Start VTLS using highfreg mode
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "HIGHFREQ"}, "hex_output": "0x00C1091896C0000002010001"}
Input: Adjust VTLS settings: mode to highfred
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters": {"MODE":"HIGHFREQ"},"hex_output":"0x00C1091896C0000002010001"}
Input: Use highfreq mode setting on VTLS
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"HIGHFREQ\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "HIGHFREQ"}, "hex_output": "0x00C1091896C0000002010001"}
Input: Change VTLS mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00C1091896C0000002010002"}
Input: Change VTLS mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00C1091896C0000002010002"}
Input: Set VTLS mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters": {"MODE":"SCAN"},"hex_output":"0x00C1091896C0000002010002"}
Input: Set VTLS mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00C1091896C0000002010002"}
Input: Adjust VTLS settings: mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS SET MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00C1091896C0000002010002"}
Input: Initiate VTLS SET MODE with mode = scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE": "SCAN"}, "hex output": "0x00C1091896C0000002010002"}
```

Input: Start VTLS using scan mode
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"SCAN"},"hex_output":"0x00C1091896C0000002010002"}

Input: Change VTLS mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"SCAN"},"hex_output":"0x00C1091896C0000002010002"}

Input: Run VTLS SET MODE using scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"SCAN\","hex_output":"0x00C1091896C0000002010002"}

Input: Adjust VTLS settings: mode to scan

Input: Adjust VTLS settings: mode to scan
Output: {"subsystem":"VTLS","directive":"VTLS_SET_MODE
MODE=\"SCAN\"","command_name":"VTLS SET MODE","parameters":
{"MODE":"SCAN"},"hex_output":"0x00C1091896C00000002010002"}