

NOC Web Service Specification Document

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**Document Control**

**Revision History**

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**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
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# **Introduction**

NOC service is used to CancelVehicleNOC and UpdateVehicleNOC.

This document describes NOC web service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

Traffic Courses Web Service will be deployed on E-Traffic system.

|  |  |
| --- | --- |
| **Service name** | NoObjectionCertificateService |
| **Service Description** | NoObjectionCertificateService for CancelVehicleNOC and UpdateVehicleNOC. |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/NoObjectionCertificateService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/NoObjectionCertificateService?wsdl |

# **Service Operations**

This section describes NOC Web Service operations, input operation parameters, operation response and applications errors.

## WSDL File



## NOC Service Operations:

* cancelVehicleNOCOperation
* updateVehicleNOCOperation

## Notes and issues:

* Access to this web service is limited to the authorized clients, the web service clients has to authenticate themselves to the service provider, which lead to preventing unauthorized clients from calling the service.

## NOC Service

## Cancel Vehicle NOC Operation

This operation is used to cancel vehicle no object certificate.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| centerCode | Long | 4 | No | CenterCode |
| nocId | Long | 15 | No | NocId |
| cancelReason | String | 128 | No | CancelReason |

### Sample SOAP Request



### Sample SOAP Response



## Update Vehicle NOC Operation

This operation is used to update vehicle no object certificate.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| centerCode | Long | 4 | No | CenterCode |
| nocId | Long | 15 | No | NOCId |
| nocDetails | Complex Type | N/A | No | NOCDetails |

### NOC Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| nocRefNo | String | 128 | No | NOC Reference Number |
| nocIssueDate | String | N/A | No | NOC IssueDate |
| serviceType | Long | 15 | Yes | ServiceType |
| isSameVehicleOwner | Boolean | N/A | No | IsSameVehicleOwner |
| emiratesIDNo | String | 30 | Yes | EmiratesIDNumber |
| tradeLicenseNo | String | 8 | Yes | TradeLicenseNumber |
| email | String | 128 | No | Email |
| mobile | String | 15 | No | Mobile |
| residencyNo | String | 30 | Yes | ResidencyNumber |
| birthDate | String | N/A | Yes | BirthDate |
| nocOwnerNameAr | String | 128 | Yes | NocOwnerNameAr |
| nocOwnerNameEn | String | 128 | Yes | NocOwnerNameEn |
| licenseNo | String | 8 | Yes | LicenseNumber |
| ownerTrafficNo | Long | 8 | Yes | OwnerTrafficNumber |
| vehicles | Complex Type | N/A | Yes | Vehicles |

### Vehicles Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| vehicle | Complex Type | N/A | Yes | Vehicle |

### Vehicle Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| chassisNo | String | 17 | Yes | ChassisNumber |
| plate | Complex Type | N/A | Yes | Plate |
| vehicleSource | String | 3 | Yes | VehicleSource |
| vehicleSourceType | Integer | 3 | Yes | VehicleSourceType |
| vehicleSourceNo | String | 10 | Yes | VehicleSourceNumber |
| vehicleSourceDate | String | N/A | Yes | VehicleSourceDate |
| newVehicleColor1 | Integer | 2 | Yes | NewVehicleColor1 |
| newVehicleColor2 | Integer | 2 | Yes | NewVehicleColor2 |
| newVehicleColor3 | Integer | 2 | Yes | newVehicleColor3 |
| numberOfPlates | Integer | 2 | Yes | NumberOfPlates |

### Plate Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| plateNo | String | 15 | Yes | Plate No |
| plateCategory | String | 64 | Yes | Value Must be Private, Taxi, Public Transportation Or Motorcycle. |
| plateCode | String | 1 | Yes | Value Must be A,B,C,D….Y Or Z. |

### Sample SOAP Request



### Sample SOAP Response



## FaultResponse:

## Error Response Type

### cancelNocResponse

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| resultCode | Integer | N/A | No | ResultCode |
| resultMessage | String | N/A | No | ResultMessage |
| violationsList | Complex Type | N/A | Yes | ViolationsList |

### ViolationsList Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| violationMessages | Complex Type | N/A | No | ViolationMessages |

### ViolationMessages Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | Integer | N/A | No | ErrorCode |
| messageEn | String | N/A | No | MessageEn |
| messageAr | String | N/A | No | MessageAr |