Vehicle Inspection Net-working Interface Port Protocol

Part 1 Interface Invocations Specification/ Precaution

1.1. Interface Accessing Address

WSDL address: **http://ip:port/ safe.asmx?wsdl**

The "IP"is the server address, and the "port" is the corresponding port code.

1.2. Interface Invocation Function

The are 2 kinds interface: one is **Querying**, and another is **Write-in**. Querying interface support the querying service from external visit, and Write-in interface provide the service to allow external visit and write data in the Cosber's CVIS-IIS software program.

1.2.1   Querying Interface (Optional, not to be used yet)

public String queryObjectOutNew(String xtlb,String jkxlh,String jkid,String cjsqbh, String dwjgdm, String dwmc,String yhbz, String yhxm, String zdbs,String QueryXmlDoc)

Table

No.	Parameter	Description	Whether Null accepted	Remark
1	xtlb	System Version	no	2 bits,fixed value is"18"
2	jkxlh	Interface Serial No.	yes	Generated from service platform
3	jkid	Interface Identification	no	5 bits,defined by Web service
4	cjsqbh	Application Scenario Code	yes	18 bits,defined by Web service, and it can be null
5	dwjgdm	Organization Code	yes	can be blank
6	dwmc	Organization Name	yes	can be blank
7	yhbz	User Identification	yes	defined by Web service, and it can be null
8	yhxm	User Name	yes	defined by Web service, and it can be null
9	zdbs	Terminal Identification	yes	defined by Web service, and it can be null
10	QueryXmlDoc	Querying Condition	no	XML format document that encapsulates query conditions

1.2.2   Write-in Interface

Public String writeObjectOutNew(String xtlb,String jkxlh,String jkid, String cjsqbh, String dwjgdm, String dwmc,String yhbz, String yhxm, String zdbs,String WriteXmlDoc)

Table

No.	Parameter	Description	Whether null accepted	Remark
11	xtlb	System version	No	2 bits,fixed value is"18"
12	jkxlh	Interface Serial No.	yes	Generated from service platform
13	jkid	Interface Identification	no	5 bits,defined by Web service
14	cjsqbh	Application Scenario Code	yes	18 bits,defined by Web service, and it can be null
15	dwjgdm	Organization Code	yes	can be blank
16	dwmc	Organization Name	yes	can be blank
17	yhbz	User Identification	yes	defined by Web service, and it can be null
18	yhxm	User Name	yes	defined by Web service, and it can be null
19	zdbs	Terminal Identification	yes	defined by Web service, and it can be null
20	WriteXmlDoc	Querying Condition	no	XML format document that encapsulates query conditions

example:writeObjectOutNew(18,'','18C51','','','','','','',WriteXmlDoc)

1.2.3   XML Format of Querying Interface

The format of QueryXmlDoc:

<?xml version="1.0" encoding="GBK"?>

<root>

<querycondition>--Tag Mode

<hphm>GTBAA123</hphm>

<hpzl>02</hpzl>

<clsbdh>1234</clsbdh>--Last 4 digits of vehicle ID

<jyjgbh>3200000001</jyjgbh>

</querycondition>

</root>

The format of ResultXML:

<?xml version="1.0" encoding="GBK"?>

<root>

    <head>

        <code>1</code>

        <message>Data Download Success!</message>

        <rownum>1</rownum>

    </head>

```
        <body>
    <vehirparaid="0">
      <hphm> BAA123</hphm>
      <hpzl>02</hpzl>
      ......
    <zt>A</zt>
    </vehirpara>
  </body>
</root>
```

1.2.4   XML Format of Write-in Interface

The format of WriteXmlDoc :

```
<?xml version="1.0" encoding="GBK"?>
<root>
<vehispara>
<jylsh>BA072022102700001</jylsh>
<jyjgbh>4300000039</jyjgbh>
<jcxdh></jcxdh>
......
<zws></zws>
</vehispara>
</root>
```

The Xml format of write-in answer is:

```
<?xml version="1.0" encoding="GBK"?>
<root>
  <head>
  <code>1</code>
  <message>Save Data Success!</message>
      ......
  </head>
</root>
```

1.3.   Invocation Note/Precaution

1.3.1.XML Document Coding

(1)The portal querying result is processed based on URLDecoder and UTF-8.

(2)The **[Write-in]**Field and [**Result returned**] Field of XML document are all lowercase character. Tag node must keep same as the user manual.

1.3.2.About Error Code of Result returned

The normal returned result code is as the mark of Failed/Succeed, and <=0 is failed, and 1 is succeed, and this is defined by the provided portal service.In case of any net issue or interface issue or other issue, the returned code is **$E**. When the write-in is failed,the returned **message** will indicate the detailed description.

Part 2 Interface Details

2.1.   Interface List

There are ONLY 26 interface ports provided, listed as below:

Port Tag	Port Name	**Remark**/Caller
18C49	Obtain basic information of motor vehicles	information system
18C51	Registration of Inspection	information system
18C52	Motor vehicle inspection process start information	information system
18C55	Motor Vehicle Test Item Start Information	PDA,control system
18C63	Motor vehicle inspection photos and document photo information	PDA,information system
18C81	Detailed information on the test items of instruments and equipment	control system
18C58	Motor Vehicle Test Item End Information	PDA,control system
18C59	End of the motor vehicle inspection process	control system
18C82	Other information on motor vehicle inspection results	control system
18C62	Motor vehicle inspection and judgment result information	control system
18C65	Motor vehicle re-inspection login information	information system
18C72	Rejection of Inspection Registration	information system
18Z50	Obtain local service time	PDA,control system,information system
18Z51	User login information authentication	PDA,control system,information system
18Z52	Change password and register face image fingerprint	PDA,control system,information system
18Z47	Appearance Test Item Query for Motor Vehicles	PDA
18Z48	Query of photo items for Appearance	PDA
18Z01	Get the list of login personnel	PDA
18Z10	Obtain a manual detection project dictionary and photos	PDA
18Z11	Obtain information on vehicles to be inspected	PDA,control system
18Z63	Send take photo command	PDA,control system
18Z15	Get configuration parameters	PDA,control system
18Z16	Obtain appearance inspection photos	PDA
18Z80	Upload manual appearance inspection data	PDA
18Z17	Motor vehicle inspection scheduling control information	PDA
18Z18	Obtain instrument detection data	PDA,control system

2.3 Definition of Write-in Information of Inspection

2.3.1 18C49-Obtain basic information of motor vehicles

Port Type: Query

Port Tag:18C49

Description: Obtain basic vehicle information based on information such as license plate number and type.

Processing process: 1. Perform logical verification on interface input parameters; 2. Query the basic information of the corresponding vehicle.

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	Plate Number	varchar2	15	not	It is necessary if it is an in-use vehicle.	Plate Number
2	hpzl	Plate Type	varchar2	2	not	Transmission of vehicle license plate type code
3	clsbdh	Vehicle Serial Number	varchar2	25	not	Can be filled in the last four digits
4	jyjgbh	**Organization ID Code**	varchar2	10	not	

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

Table : Basic information of motor vehicles

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	xh	Vehicle Serial Number	char	14		
2	hpzl	Plate Type	char	2		
3	hphm	Plate Number	varchar2	15		
4	clpp1	Vehicle Brand	varchar2	32		
5	clxh	Vehicle Model	varchar2	32		
6	clpp2	English brand	varchar2	32		
7	gcjk	Domestic/imported	char	1		
8	zzg	Country of manufacture	char	3		

	zzcmc	Manufacturer Name	varchar2	64		
10	clsbdh	Vehicle ID Code	varchar2	25		
11	fdjh	Engine/E-motor Code	varchar2	30		
12	dpxh	Chassis Model	varchar2	20		
13	cllx	Vehicle Type	char	3		
14	csys	Body Color	varchar2	5		
15	syxz	Use Type	char	1		
16	sfzmhm	ID number	varchar2	18		
17	sfzmmc	Identity certificate name	char	1		
18	syr	Vehicle Owner	varchar2	128		
19	ccdjrq	Initial Regis. Date	date	7		
20	djrq	Latest Inspection Date	date	7		
21	yxqz	Inspection Valid to	date	7		
22	qzbfqz	mandatory scrapping period	date	7		
23	fzjg	licence issuing authority	varchar2	10		
24	glbm	Management department	varchar2	12		
25	bxzzrq	Insurance Valid to	date	7		
26	zt	Motor vehicle status	varchar2	6		
27	dybj	Mortgage Mark: - Unmortgaged 1- Mortgaged	char	1		
28	fdjxh	Engine model	varchar2	64		
29	rlzl	Fuel Type	varchar2	3		
30	pl	Displacement	number	6		
31	gl	Power	number	5,1		
32	zxxs	Steering type	char	1		
33	cwkc	External Body Length	number	5		
34	cwkk	External Body Width	number	4		
35	cwkg	External Body Height	number	4		
36	hxnbcd	Internal length of the cargo box	number	5		
37	hxnbkd	Internal width of the cargo box	number	4		

	hxnbgd	Internal height of the cargo box	number	4		
39	gbthps	Number of steel plate springs	number	3		
40	zs	Axle Quantity	number	1		
41	zj	Axle Distance	number	5		
42	qlj	Front Wheel Distance	number	4		
43	hlj	Rear Wheel Distance	number	4		
44	ltgg	Tire Size	varchar2	64		
45	lts	Number of tires	number	2		
46	zzl	Total Weight with Loading Capacity	number	8		
47	zbzl	Weight without load	number	8		
48	hdzzl	Approved Load	number	8		
49	hdzk	Passenger capacity	number	3		
50	zqyzl	Traction Mass	number	8		
51	qpzk	Passenger capacity in the front row of the cab	number	1		
52	hpzk	Passenger capacity in the rear row of the cab	number	2		
53	hbdbqk	Environmental compliance status	varchar2	128		
54	ccrq	Production Date	date	7		
55	clyt	Vehicle Use	char	2		
56	ytsx	Use Property	char	1		
57	xszbh	Driver's license chip number	varchar2	20		
58	jyhgbzbh	Inspection qualified mark	varchar2	20		
59	xzqh	Manage jurisdictional areas	varchar2	10		
60	zsxzqh	Administrative residential address	varchar2	10		
61	zzxzqh	Administrative division of contact address	varchar2	10		

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
	zsdz	Residence Address	varchar2	200		
63	sgcssbwqk	Situation of damaged parts of the accident vehicle	varchar2	4000		
64	sfmj	exempt from inspection	char	1		1-exempt from inspection 2-Not exempt from inspection
65	bmjyy	Reasons for not being exempted from inspection	varchar2	4000		
66	sfxny	Is it a new energy vehicle	char	1		1-Y 2-N
67	xnyzl	Types of new energy vehicles	char	1		A-pure electric B-fuel cell C-plug-in hybrid power
68	bz	Remark	varchar2	4000		

2.3.2   18C51- Registration of Inspection

Port Type: Write-in

Port Tag:18C51

Port Description: Upload the registration of inspection

Processing process: Based on the query flow process control information table, inspection login information table, and inspection agency filing information table of jylsh and jyjgbh, verify the legitimacy of the input information, save the inspection login information, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table : Inspection Registration

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	Necessary	It must be sole in one center
2	jyjgbh	Organization ID	varchar2	10	Necessary	

		Code				
3	jcxdh	Testlane ID Code	varchar2	2	not	Example:1,2,3,4,5,6,7,8,9,10 ,...
4	xh	Vehicle Serial Number	varchar2	14	not	
5	hpzl	Plate Type	varchar2	2	not	
6	hphm	Plate Number	varchar2	15	not	It is necessary if it is an in-use vehicle.
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	Complete VIN code or chassis code
8	fdjh	Engine/E-motor Code	varchar2	30	not	
9	dpxh	Chassis Model	varchar2	20	necessary	
10	csys	Body Color	varchar2	5	not	Refer to the Appendix Dictionary-Body Color
11	syxz	Use Type	char	1	not	Refer to the Appendix Dictionary-Use Type
12	ccdjrq	Initial Regis. Date	date		not	"yyyy-mm-dd"
13	jyrq	Inspection Date	date		not	"yyyy-mm-dd"
14	jyyxqz	Inspection Valid to	date		not	"yyyy-mm-dd"
15	bxzzrq	Insurance Valid to	date		not	"yyyy-mm-dd"
16	rlzl	Fuel Type	varchar2	3	not	Refer to the Appendix Dictionary-Fuel Type
17	gl	Power	number	5,1	not	Unit: kw, 4 integer digits and 1 decimal
18	zs	Axle Quantity	number	1	necessary	
19	zj	Axle Distance	number	5	not	Unit: mm
20	qlj	Front Wheel Distance	number	4	not	Unit: mm
21	hlj	Rear Wheel Distance	number	4	not	Unit: mm
22	zzl	Total Weight with Loading Capacity	number	8	not	Unit:kg
23	zbzl	Weight without load	number	8	not	Unit: kg
					not	

		Production Date	date			"yyyy-mm-dd"
	ccrq	Production Date	date			"yyyy-mm-dd"
25	qdxs	Drive Mode(Driving Axle)	varchar2	5	not	Such as 1234(1 for front 1st axle, and 12 for front 2 axle)
26	zczs	Parking Axle Quantity	number	1	not	None for motorcycle
27	zczw	Parking Axle	varchar2	5	not	Such as 1234(1 for front 1st axle, and 12 for front 2 axle)
28	zzs	Axle Quantity	number	1	not	
29	zzly	Braking Mode	char	1	not	0-air brake,1-hydraulic brake,2-Pneumatic oil brake
30	qzdz	Headlight Type	varchar2	2	not	01- Four high-low beams,02- Four high beams,03- Two high-low beams,04- Two low beams,05- One high beam
31	ygddtz	High Beam Adjustability	char	1	not	- not adjusted separated,1-adjusted separated
32	zxzxjxs	Steering Shaft(Front Shaft)Chassis Type	char	1	not	0-Independent,1-Dependent
33	lcbds	Odometer Reading	number	8	not	Unit: km
34	jyxm	Test Item	varchar2	100	not	Multi value,Separated by English half corner comma. The each item code is: B1- One shaft brake B2- Two shaft brake B3- Three shaft brake B4- Four shaft brake B5- Five shaft brake B0- Parking brake H1-Left outer beam H2-Left inner beam H3-Right inner beam H4-Right outer beam S1-Odometer A1-Sideslip X1-Chassis

						E1-Dual-speed idle E2-Free acceleration 　 opaque smoke method LA-Speaker sound level
35	jylb	Inspection Type	varchar2	2	necessary	1- Truck & Bus 2- Car 3- Non-Operating 4- Motor
36	bhgx	Unqualified items	varchar2	50	not	
37	dlsj	Login Time	date		necessary	"yyyy-mm-dd hh24:mi:ss"
38	jycs	Inspection Times	number	2	necessary	
39	dly	Registrar	varchar2	30	necessary	
40	ycy	Driver	varchar2	30	not	
41	wjy	Appearance inspector	varchar2	30	not	
42	dtjyy	Dynamic inspector	varchar2	30	not	
43	dpjyy	Chassis inspector	varchar2	30	not	
44	clpp1	Vehicle Brand	varchar2	32	not	
45	clxh	Vehicle Model	varchar2	32	not	
46	syr	Vehicle Owner	varchar2	128	not	
47	zsdz	Residence Address	varchar2	200		
48	cllx	Vehicle Type	varchar2	3	not	
49	cwkc	External Body Length	number	5	not	
50	cwkk	External Body Width	number	4	not	
51	cwkg	External Body Height	number	4	not	
52	clyt	Vehicle Use	char	2	not	For self-study driving vehicles, Write-in "J2"
53	ytsx	Use Property	char	1	not	
54	dlysfzh	Registrar	varchar2	30	not	
55	ycysfzh	Driver	varchar2	30	not	
56	wjysfzh	Appearance inspector	varchar2	30	not	
					not	

	dtjyysfzh	Dynamic inspector	varchar2	30		
58	dpjyysfzh	Chassis inspector	varchar2	30	not	
59	clsslb	Category of vehicle	varchar2	2	not	01-Conventional(motor vehicle)
60	jcxlb	Testlane Type	char	1	not	1-Automotive,2-Motorcycle
61	sjr	Vehicle Sender	varchar2	30	not	
62	sjrsfzh	Vehicle Sender ID	varchar2	30	not	
63	qzs	Front Axle Quantity	number	1	not	Fill the quantity of front axle. If it is blank,it is defaulted as 1(trailer is 0)
64	zws	Seat Quantity	number	3	not	

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Actual return specific description information
-1003	The original inspection validity period has not yet expired, and the issuance of inspection qualification marks cannot be processed	
-1004	Incorrect system settings	Actual return specific description information
-5101	returned, and can not update the inspection registration info.	
-5102	Finished & closed, and can not update the inspection registration info.	
-5103	Under testing process, and can not update the inspection registration info.	
-5104	Pending inspection transaction existed, and can not upload the inspection	
-5105	The inspection agency has exceeded its hourly inspection capacity (x vehicles) in the past hour and is currently unable to upload inspection login information	
-9999	Other error	Actual return specific

		description information
$E	System Issue	Actual return specific description information

2.3.3　18C52-Motor vehicle inspection process start information

Port Type: Write-in

Port Tag:18C52

Description: When the initial inspection or re inspection begins (before the manual inspection of the appearance Test Item begins), upload information on the start of the inspection process.

Processing process: According to jylsh and jyjgbh, query the flow process control information table and verify the login information table, verify the legitimacy of the input information, save the start information of the verification process, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table : inspection process start information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	hpzl	Plate Type	varchar2	2	not	
6	hphm	Plate Number	varchar2	15	not	
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	
8	kssj	Inspection process start time	date		necessary	Fill in the inspection service system time

Returned Result：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details

-5201	The inspection serial number has been cancelled, and the start information of the inspection process cannot be uploaded	
-5202	The inspection serial number has been Completed, and the start information of the inspection process cannot be uploaded	
-5203	The current status of the inspection serial number is X, and the start information of the inspection process cannot be uploaded	
-5204	The detection time is different from the login detection time	
-5205	Please upload the login information for motor vehicle inspection first	
-5206	Inspection process start information already exists, cannot be uploaded repeatedly	
-5207	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.4 18Z17-Motor vehicle inspection scheduling control information

Port Type: Write-in

Port Tag:18Z17

Description: Before vehicle inspection, the inspector needs to log in to the PDA terminal and send project inspection information.

Processing process: According to jylsh and jyjgbh, query the flow process control information table, inspection login information table, and Test Item status information table, perform online inspection scheduling control on the vehicles to be inspected, change the inspection status, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Inspection scheduling control information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID	varchar2	10	necessary	

		Code			
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	hpzl	Plate Type	varchar2	2	not	
6	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	
8	jyxm	Test Item	varchar2	2	necessary	F1-Vehicle appearance inspection B1- One shaft brake B2- Two shaft brake B3- Three shaft brake B4- Four shaft brake B5- Five shaft brake B0- Parking brake H1-Left outer beam H2-Left inner beam H3-Right inner beam H4-Right outer beam S1-Odometer A1-Sideslip X1-Chassis E1-Dual-speed idle E2-Free acceleration opaque smoke method LA-Speaker sound level
9	jyy	inspector	varchar2	30	necessary	

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual

		details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-5501	The inspection flow has been cancelled and the start information of the Test Item cannot be uploaded	
-5502	The inspection flow has been completed and the start information of the Test Item cannot be uploaded	
-5503	There is no inspection process start information for this car, so Test Item start information cannot be uploaded	
-5504	The detection time is inconsistent with the detection time of the login verification	
-5505	Please upload the login information for motor vehicle inspection first	
-5506	The process information of this Test Item has ended, and the start information of the Test Item cannot be re uploaded	
-5507	The type of license plate is inconsistent with the inspection login information	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.5 18C55-Motor Vehicle Test Item Start Information

Port Type: Write-in

Port Tag:18C55

Description: When manual inspection of motor vehicles, instrument and equipment inspection, and road test items begin, upload the start information of the test item.

Processing process: Query the flow process control information table based on jylsh and jyjgbh, verify the login information table, verify the validity of input information, save the start information of Test Item, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Test item start information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
9	jylsh	Serial Number	varchar2	17	necessary	
10	jyjgbh	Organization ID	varchar2	10	necessary	

		Code			
11	jcxdh	Testlane ID Code	varchar2	2	not	The online inspection items is necessary,for example:1,2,3,4,5,6,7,8,9,10,...
12	jycs	Inspection Times	number	2	necessary	
13	hpzl	Plate Type	varchar2	2	not	
14	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
15	clsbdh	Vehicle ID Code	varchar2	25	necessary	
16	gwjysbbh	Workstation inspection equipment number	varchar2	30	not	The online inspection items is necessary
17	jyxm	Test Item	varchar2	2	necessary	F1-Vehicle appearance inspection B1- One shaft brake B2- Two shaft brake B3- Three shaft brake B4- Four shaft brake B5- Five shaft brake B0- Parking brake H1-Left outer beam H2-Left inner beam H3-Right inner beam H4-Right outer beam S1-Odometer A1-Sideslip X1-Chassis E1-Dual-speed idle E2-Free acceleration opaque smoke method LA-Speaker sound level
18	kssj	Inspection process start time	date		necessary	Fill in the inspection business system time
19	jyy	inspector	varchar2	30	necessary	
20	sbdh	Equipment code	number	1	not	The default value is 1, and the same project has multiple cameras. This parameter distinguishes different cameras. 0- No

							recording. Less than 0- only recording

Returned Result：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-5501	The inspection serial number has been cancelled,unable to upload Test Item start information	
-5502	The inspection serial number has been Completed,unable to upload Test Item start information	
-5503	There is no inspection process start information for this vehicle,unable to upload Test Item start information	
-5504	The detection time is different from the login detection time	
-5505	Please upload the login information for motor vehicle inspection first	
-5506	The process information for this Test Item has ended,Unable to re-upload Test Item start information	
-5507	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.6 **18C63-Motor vehicle inspection photos and document photo** information

Port Type: Write-in

Port Tag:18C63

Description: When manually inspecting the appearance of motor vehicles, take photos of the appearance and upload them; During manual inspection, instrument and equipment inspection, or road test inspection, randomly take photos and upload them; After the motor vehicle inspection process is completed,

scan or take relevant documents and photos to upload.

Processing process: Query the flow process control information table based on jylsh and jyjgbh, verify the login information table, verify the legality of input information, save the inspection data photo information, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Inspection photos and document photo information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
6	hpzl	Plate Type	varchar2	2	not	
7	clsbdh	Vehicle ID Code	varchar2	25	not	
8	zp	Photos	varchar2		necessary	string after base64 encoding
9	pssj	photo-op	date		necessary	
10	jyxm	Test Item	varchar2	2	not	When the photo type is 23, fill in the manual Test Item: C1, DC; When the photo type is 21, fill in the headlight item: H1,H2,H3,H4; When the photo type is 22, fill in the brake item:B1,B2,B3,B4,B5,B0;
11	zpzl	Photo type	varchar2	4	necessary	0201- Motor Vehicle License 0202 Motor Vehicle License Application Form 0203- Compulsory Insurance Certificate for Motor Vehicle Traffic Accident Liability 0204 Motor Vehicle Safety Technical Inspection Report 0205- Motor Vehicle Inspection Record Form

| | | | | | | 0206- Vehicle and vessel tax payment or exemption certificate
0207- Notice of Entrusted Issuance of Inspection Qualification Mark
0208- Agent Authorization Letter
0209- Emission Inspection Report
0211- Factory Certificate and Chassis Certificate of Domestic Motor Vehicles |
| 12 | zplb | Photo categories | Int | | necessary | -Normal,
1-Unqualified appearance photo,default to 0 |

Returned Result：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string),zlzp(Information photos).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-6301	The inspection serial number has been cancelled,Unable to upload data / photo information	
-6302	The inspection serial number has been completed,Unable to upload data / photo information	
-6303	The current status of the inspection serial number is X,Unable to upload data / photo information	
-6304	The detection time is different from the login detection time	
-6305	Please upload the login information for motor vehicle inspection first	
-6306	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.7 18C81-Detailed information on the test items of instruments and equipment

Port Type: Write-in

Port Tag:18C81

Description: After completing the Test Item for motor vehicle equipment, upload detailed information on the inspection results of the corresponding Test Item.

Processing process: Query the flow process control information table based on jylsh and jyjgbh, verify the login information table, verify the legality of input information, save detailed inspection result information, and return the processing result.

WriteXmlDoc document description: Node label vehispara, write corresponding data fields according to different Test Items, as shown in the table below:

Table : Inspection Results of Axle1 Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "B1"
5	jycs	Inspection Times	number	2	necessary	
6	yzzlz	Axle1 left static wheel load	number	6	not	unit :kg. It is measured by a horizontal weighing platform
7	yzylz	Axle1 right static wheel load	number	6	not	unit :kg
8	yzkzzh	Axle1 unloaded axle load	number	6	not	unit :kg. Fill in for vehicles that need to be tested for loading brakes
9	yzqhzzdl	Maximum left braking force value of axle1	number	6	not	unit :10N
10	yzqhyzdl	Maximum right braking force value of axle1	number	6	not	unit :10N

					unit :10N
	yzqczzdl	Maximum left braking force difference of axle1	number	6	not	
12	yqqcyzdl	Maximum right braking force difference of axle1	number	6	not	unit :10N
13	yzdll	Axle1 braking rate	number	4,1	not	Including three integers and one decimal place (%)
14	yzzdlpd	Axle1 braking rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
15	yzbphl	Axle1 imbalance rate	number	4,1	not	Including three integers and one decimal place (%)
16	yzbphlpd	Axle1 imbalance rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
17	yzzdpd	Axle1 braking judge	char	1	necessary	0- Untested, 1- Qualified, 2- Unqualified
18	yzzldtlh	Axle1 left wheel dynamic wheel load	number	6	not	unit :kg. Fill in when inspecting small (micro) passenger vehicles on the flat brake inspection platform
19	yzyldtlh	Axle1 right wheel dynamic wheel load	number	6	not	unit :kg. Fill in when inspecting small (micro) passenger vehicles on the flat brake inspection platform
20	yzzdlqx	Axle1 braking force curve	varchar2	4000	necessary	Curve data storage format: "[Sampling time interval (10 milliseconds)] @ [Left braking force] # [Right

						braking force] $[Left braking force] # [Right braking force]..." The braking force unit is 10N,for example:10@56#45$56#45$56#45$56#45$56#45$56#45
21	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
22	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
23	clsbdh	Vehicle ID Code	varchar2	25	not	
24	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
25	yzzdksd	Starting point for calculating the braking force of axle1	number	6	not	Braking and process calculation, at the first point of the braking curve
26	yzzdjsd	Axle1 braking force calculation endpoint	number	6	not	Braking and process calculation, at the last point of the braking curve
27	yzzdkssj	Starting time of axle1 braking force	date		not	The time of the first point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
28	yzzdjssj	End time of axle1 braking force	date		not	The time of the last point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
29	zxzw	Central axis position	number	2	not	<=The axis of this value is determined as the front axis

Table : Inspection Results of Axle2 Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "B2"
5	jycs	Inspection Times	number	2	necessary	
6	ezzlz	Axle2 left static wheel load	number	6	not	
7	ezylz	Axle2 right static wheel load	number	6	not	
8	ezkzzh	Axle2 unloaded axle load	number	6	not	unit :kg. Fill in for vehicles that need to be tested for loading brakes
9	ezqhzzdl	Maximum left braking force value of axle2	number	6	not	
10	ezqhyzdl	Maximum right braking force value of axle2	number	6	not	
11	ezqczzdl	Maximum left braking force difference of axle2	number	6	not	
12	ezqcyzdl	Maximum right braking force difference of axle2	number	6	not	
13	ezdll	Axle2 braking rate	number	4,1	not	
14	ezzdlpd	Axle2 braking	char	1	not	0- Untested, 1- Qualified,

		rate judge			2- Unqualified
15	ezbphl	Axle2 imbalance rate	number	4,1	not	
16	ezbphlpd	Axle2 imbalance rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
17	ezzdpd	Axle2 braking judge	char	1	necessary	
18	ezzldtlh	Axle2 left wheel dynamic wheel load	number	6	not	Fill in when inspecting small (micro) passenger vehicles on the flat brake inspection platform
19	ezyldtlh	Axle2 right wheel dynamic wheel load	number	6	not	Fill in when inspecting small (micro) passenger vehicles on the flat brake inspection platform
20	ezzdlqx	Axle2 braking force curve	varchar2	4000	necessary	Curve data storage format: "[Sampling time interval (10 milliseconds)] @ [Left braking force] # [Right braking force] $[Left braking force] # [Right braking force]..." The braking force unit is 10N,for example:10@56#45$56#45$56#45$56#45$56#45
21	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
22	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
23	clsbdh	Vehicle ID Code	varchar2	25	not	
24	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...

		Starting point for calculating the braking force of axle2	number	6	not	Braking and process calculation, at the first point of the braking curve
	ezzdksd					
26	ezzdjsd	Axle2 braking force calculation endpoint	number	6	not	Braking and process calculation, at the last point of the braking curve
27	ezzdkssj	Starting time of axle2 braking force	date		not	The time of the first point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
28	ezzdjssj	End time of axle21 braking force	date		not	The time of the last point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
29	zxzw	Central axis position	number	2	not	<=The axis of this value is determined as the front axis

Table : Inspection Results of Axle3 Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "B3"
5	jycs	Inspection Times	number	2	necessary	
6	sanzzlz	Axle3 left static wheel load	number	6	not	
7	sanzylz	Axle3 right	number	6	not	

		static wheel load				
8	sanzkzzh	Axle3 unloaded axle load	number	6	not	unit :kg. Fill in for vehicles that need to be tested for loading brakes
9	sanzqhzzdl	Maximum left braking force value of axle3	number	6	not	
10	sanzqhyzdl	Maximum right braking force value of axle3	number	6	not	
11	sanzqczzdl	Maximum left braking force difference of axle3	number	6	not	
12	sanzqcyzdl	Maximum right braking force difference of axle3	number	6	not	
13	sanzdll	Axle3 braking rate	number	4,1	not	
14	sanzzdlpd	Axle3 braking rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
15	sanzbphl	Axle3 imbalance rate	number	4,1	not	
16	sanzbphlpd	Axle3 imbalance rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
17	sanzzdpd	Axle3 braking judge	char	1	necessary	
18	sanzzdlqx	Axle3 braking force curve	varchar2	4000	necessary	Curve data storage format: "[Sampling time interval (10 milliseconds)] @ [Left braking force] # [Right braking force] $[Left

						braking force] # [Right braking force]..." The braking force unit is 10N,for example:10@56#45$56#45$56#45$56#45$56#45$56#45
19	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
20	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
21	clsbdh	Vehicle ID Code	varchar2	25	not	
22	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
23	sanzzdksd	Starting point for calculating the braking force of axle3	number	6	not	Braking and process calculation, at the first point of the braking curve
24	sanzzdjsd	Axle3 braking force calculation endpoint	number	6	not	Braking and process calculation, at the last point of the braking curve
25	sanzzdkssj	Starting time of axle3 braking force	date		not	The time of the first point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
26	sanzzdjssj	End time of axle3 braking force	date		not	The time of the last point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
27	zxzw	Central axis position	number	2	not	<=The axis of this value is determined as the front axis

Table : Inspection Results of Axle4 Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "B4"
5	jycs	Inspection Times	number	2	necessary	
6	sizzlz	Axle4 left static wheel load	number	6	not	
7	sizylz	Axle4 right static wheel load	number	6	not	
8	sizkzzh	Axle4 unloaded axle load	number	6	not	unit :kg. Fill in for vehicles that need to be tested for loading brakes
9	sizqhzzdl	Maximum left braking force value of axle4	number	6	not	
10	sizqhyzdl	Maximum right braking force value of axle4	number	6	not	
11	sizqczzdl	Maximum left braking force difference of axle4	number	6	not	
12	sizqcyzdl	Maximum right braking force difference of axle4	number	6	not	
13	sizdll	Axle4 braking rate	number	4,1	not	
14	sizzdlpd	Axle4 braking	char	1	not	0- Untested, 1- Qualified,

					2- Unqualified
15	sizbphl	Axle4 imbalance rate	number	4,1	not	
16	sizbphlpd	Axle4 imbalance rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
17	sizzdpd	Axle4 braking judge	char	1	necessary	
18	sizzdlqx	Axle4 braking force curve	varchar2	4000	necessary	Curve data storage format: "[Sampling time interval (10 milliseconds)] @ [Left braking force] # [Right braking force] $[Left braking force] # [Right braking force]..." The braking force unit is 10N,for example:10@56#45$56#45$56#45$56#45$56#45$56#45
19	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
20	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
21	clsbdh	Vehicle ID Code	varchar2	25	not	
22	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
23	sizzdksd	Starting point for calculating the braking force of axle4	number	6	not	Braking and process calculation, at the first point of the braking curve
24	sizzdjsd	Axle4 braking force calculation endpoint	number	6	not	Braking and process calculation, at the last point of the braking curve

		Starting time of axle4 braking force	date		not	The time of the first point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
26	sizzdjssj	End time of axle4 braking force	date		not	The time of the last point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
27	zxzw	Central axis position	number	2	not	<=The axis of this value is determined as the front axis

Table : Inspection Results of Axle5 Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	"B5"
5	jycs	Inspection Times	number	2	necessary	
6	wzzlz	Axle5 left static wheel load	number	6	not	
7	wzylz	Axle5 right static wheel load	number	6	not	
8	wzkzzh	Axle5 unloaded axle load	number	6	not	unit :kg. Fill in for vehicles that need to be tested for loading brakes
9	wzqhzzdl	Maximum left braking force value of axle5	number	6	not	
					not	

		Maximum right braking force value of axle5	number	6		
	wzqhyzdl	Maximum right braking force value of axle5	number	6		
11	wzqczzdl	Maximum left braking force difference of axle5	number	6	not	
12	wzqcyzdl	Maximum right braking force difference of axle5	number	6	not	
13	wzdll	Axle5 braking rate	number	4,1	not	
14	wzzdlpd	Axle5 braking rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
15	wzbphl	Axle5 imbalance rate	number	4,1	not	
16	wzbphlpd	Axle5 imbalance rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
17	wzzdpd	Axle5 braking judge	char	1	necessary	
18	wzzdlqx	Axle5 braking force curve	varchar2	4000	necessary	Curve data storage format: "[Sampling time interval (10 milliseconds)] @ [Left braking force] # [Right braking force] $[Left braking force] # [Right braking force]..." The braking force unit is 10N,for example:10@56#45$56#45$56#45$56#45$56#45$56#45
19	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
21	clsbdh	Vehicle ID Code	varchar2	25	not	
22	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
23	wzzdksd	Starting point for calculating the braking force of axle5	number	6	not	Braking and process calculation, effective data at the first point of the braking curve
24	wzzdjsd	Axle5 braking force calculation endpoint	number	6	not	Braking and process calculation, effective data at the first point of the braking curve
25	wzzdkssj	Starting time of axle5 braking force	date		not	The time of the first point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
26	wzzdjssj	End time of axle5 braking force	date		not	The time of the last point on the braking force curve:yyyy-mm-dd hh24:mi:ss.ff3
27	zxzw	Central axis position	number	2	not	<=The axis of this value is determined as the front axis

Table : Inspection Results of Parking Brake

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
					necessary	

	jyxm	Test Item	varchar2	2		Write-in "B0"
5	jycs	Inspection Times	number	2	necessary	
6	yzzczdl	Axle1 parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
7	ezzczdl	Axle2 parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
8	sanzzczdl	Axle3 parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
9	sizzczdl	Axle4 parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
10	wzzczdl	Axle5 parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
11	zczczdl	Total parking brake force	number	6	not	Filling out for motor vehicles (excluding tricycles and motorcycles)
12	tczzdl	Left parking brake force value	number	6	not	Filling out for three wheeled vehicles and motorcycles
13	tcyzdl	Right parking brake force value	number	6	not	Filling out for three wheeled vehicles and motorcycles
14	tczdl	Parking brake rate	number	4,1	not	Including three integers and one decimal place
15	tczdpd	Parking brake	char	1	necessary	

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
		rate judge				
16	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
17	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
18	clsbdh	Vehicle ID Code	varchar2	25	not	
19	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...

Table : Left exterior lamp or left lamp inspection results of two or three wheeled motor vehicles

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "H1"
5	jycs	Inspection Times	number	2	necessary	
6	zdg	Left exterior lamp high	number	4	not	Unit:mm
7	zwjgdg	Left exterior low beam high	number	4	not	Unit:mm
8	zwygqd	Left exterior high beam intensity value	number	6	not	Unit:cd
9	zwygqdpd	Left exterior high beam intensity judge	char	1	not	
10	zwygszpz	Left exterior high beam vertical deviation value	number	3	not	Unit: mm/10m.Vertical deviation convention: Upward deviation is a positive value (+), and downward deviation is a

					negative value (-)
11	zjgszcz	Right exterior high beam vertical deviation value	number	3	not	Unit: mm/10m.Vertical deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
12	zwygczpy	Left exterior high beam vertical deviation	number	4,2	not	H-value. Includes 2 integers and 2 decimals
13	zwjgczpy	Left exterior low beam vertical deviation value	number	4,2	not	H-value. Includes 2 integers and 2 decimals
14	zwygczpypd	Left exterior high beam vertical deviation judge	char	1	not	
15	zwjgczpypd	Left exterior low beam vertical deviation value judge	char	1	not	
16	zwdpd	Left exterior lamp juge	char	1	necessary	
17	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
18	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
19	clsbdh	Vehicle ID Code	varchar2	25	not	
20	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
21	zwygqssj	Left exterior lamp data acquisition	date		not	Sampling time:yyyy-mm-dd hh24:mi:ss.ff3

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
22	zjgqssj	Left low beam data acquisition time	date		not	Sampling time:yyyy-mm-dd hh24:mi:ss.ff3
23	cykssj	Sampling start time	date		not	Send the start detection command time to the headlight tester:yyyy-mm-dd hh24:mi:ss.ff3
24	cyjssj	Sampling end time	date		not	Sampling end time: yyyy-mm-dd hh24:mi:ss.ff3

Table :Left interior lamp detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "H2"
5	jycs	Inspection Times	number	2	necessary	
6	zndg	Left interior lamp high	number	4	not	
7	znjgdg	Left interior low beam high	number	4	not	Unit:mm
8	znygqd	Left interior high beam intensity value	number	6	not	Unit:cd
9	znygqdpd	Left interior high beam intensity judge	char	1	not	
10	znygszcz	Left interior high beam	number	3	not	Unit: mm/10m.Vertical deviation convention:

		vertical deviation value				Upward deviation is a positive value (+), and downward deviation is a negative value (-)
11	znjgszcz	Left interior low beam vertical deviation value	number	3	not	Unit: mm/10m.Vertical deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
12	znygczpy	Left interior high beam vertical deviation	number	4,2	not	H-value. Includes 2 integers and 2 decimals
13	znjgczpy	Left interior low beam vertical deviation	number	4,2	not	H-value. Includes 2 integers and 2 decimals
14	znygczpypd	Left interior high beam vertical deviation judge	char	1	not	
15	znjgczpypd	Left interior low beam vertical deviation judge	char	1	not	
16	zndpd	Left interior lamp judge	char	1	necessary	0- Untested, 1- Qualified, 2- Unqualified
17	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
18	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
19	clsbdh	Vehicle ID Code	varchar2	25	not	
20	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9 ,10,...
21	cykssj	Sampling start	date		not	Send the start detection

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
		time				command time to the headlight tester:yyyy-mm-dd hh24:mi:ss.ff3
22	cyjssj	Sampling end time	date		not	Sampling end timeyyyy-mm-dd hh24:mi:ss.ff3

Table :Right interior lamp detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "H3"
5	jycs	Inspection Times	number	2	necessary	
6	yndg	Right interior lamp high	number	4	not	
7	ynjgdg	Right interior low beam high	number	4	not	Unit:mm
8	ynygqd	Right interior high beam intensity value	number	6	not	
9	ynygqdpd	Right interior high beam intensity judge	char	1	not	
10	ynygszcz	Right interior high beam vertical deviation value	number	3	not	Unit: mm/10m.Vertical deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
11	ynjgszcz	Right interior	number	3	not	Unit: mm/10m.Vertical

		low beam vertical deviation value				deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
12	ynygczpy	Right interior high beam vertical deviation	number	4,2	not	H-value. Includes 2 integers and 2 decimals
13	ynjgczpy	Right interior low beam vertical deviation	number	4,2	not	H-value. Includes 2 integers and 2 decimals
14	ynygczpypd	Right interior high beam vertical deviation judge	char	1	not	
15	ynjgczpypd	Right interior low beam vertical deviation judge	char	1	not	
16	yndpd	Left interior lamp judge	char	1	necessary	
17	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
18	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
19	clsbdh	Vehicle ID Code	varchar2	25	not	
20	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
21	ynygqssj	Right exterior lamp data acquisition time	date		not	Sampling time:yyyy-mm-dd hh24:mi:ss.ff3
22	cykssj	Sampling start	date		not	Send the start detection

		time			command time to the headlight tester:yyyy-mm-dd hh24:mi:ss.ff3
23	cyjssj	Sampling end time	date	not	Sampling end timeyyyy-mm-dd hh24:mi:ss.ff3

Table : Right exterior lamp or right lamp inspection results of two or three wheeled motor vehicles

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "H4"
5	jycs	Inspection Times	number	2	necessary	
6	ydg	Right exterior lamp high	number	4	not	
7	ywjgdg	Left exterior low beam high	number	4	not	Unit:mm
8	ywygqd	Right exterior high beam intensity value	number	6	not	
9	ywygqdpd	Right exterior high beam intensity judge	char	1	not	
10	ywygszpz	Right exterior high beam vertical deviation value	number	3	not	Unit: mm/10m.Vertical deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
11	yjgszcz	Right exterior	number	3	not	Unit: mm/10m.Vertical

		low beam vertical deviation value				deviation convention: Upward deviation is a positive value (+), and downward deviation is a negative value (-)
12	ywygczpy	Right exterior high beam vertical deviation value	number	4,2	not	H-value. Includes 2 integers and 2 decimals
13	ywjgczpy	Right exterior low beam vertical deviation value	number	4,2	not	H-value. Includes 2 integers and 2 decimals
14	ywygczpypd	Right exterior high beam vertical deviation value judge	char	1	not	
15	ywjgczpypd	Right exterior low beam vertical deviation value judge	char	1	not	
16	ywdpd	Right exterior lamp judge	char	1	necessary	
17	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
18	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
19	clsbdh	Vehicle ID Code	varchar2	25	not	
20	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
21	ywygqssj	Right exterior lamp data acquisition time	date		not	Sampling time:yyyy-mm-dd hh24:mi:ss.ff3

	yjgqssj	Right low beam data acquisition time	date		not	Sampling time:yyyy-mm-dd hh24:mi:ss.ff3
23	cykssj	Sampling start time	date		not	Send the start detection command time to the headlight tester:yyyy-mm-dd hh24:mi:ss.ff3
24	cyjssj	Sampling end time	date		not	Sampling end timeyyyy-mm-dd hh24:mi:ss.ff3

Table :Speedometer detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "S1"
5	jycs	Inspection Times	number	2	necessary	
6	csdscz	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
7	csbpd	speedometer judge	char	1	necessary	0- Untested, 1- Qualified, 2- Unqualified
8	csdscz1	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
9	csbpd1	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
10	csdscz2	measurement value of	number	4,1	not	Unit km/h,Including three integers and one

		speedometer				decimal place
11	csbpd2	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
12	csdscz3	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
13	csbpd3	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
14	csdscz4	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
15	csbpd4	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
16	csdscz5	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
17	csbpd5	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
18	csdscz6	measurement value of speedometer	number	4,1	not	Unit km/h,Including three integers and one decimal place
19	csbpd6	speedometer judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
20	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
21	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
22	clsbdh	Vehicle ID Code	varchar2	25	not	
23	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
24	csqx	Vehicle speed process data	varchar2	4000	not	Curve data storage format: "[Sampling time interval (500 milliseconds)] @ [Vehicle speed value] # [Vehicle speed value] # [Vehicle

						speed value]...", Unit is km/h, for example: 500@5.6 #4.5 # 4.5 # 4.5 # 4.5 # 45 # 4.5
25	cykssj	Sampling start time	date		not	The time of the first point of curve sampling:yyyy-mm-dd hh24:mi:ss.ff3
26	cyjssj	Sampling end time	date		not	The time of the last point in curve sampling:yyyy-mm-dd hh24:mi:ss.ff3

Table :Sideslip tester detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "A1"
5	jycs	Inspection Times	number	2	necessary	
6	chz	Sideslip value	number	5,1	not	Unit:m/km,Including four integers and one decimal place
7	chpd	Sideslip judge	varchar2	1	necessary	0- Untested, 1- Qualified, 2- Unqualified
8	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
9	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
10	clsbdh	Vehicle ID Code	varchar2	25	not	
11	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...

	chqx	Sideslip Process Data	varchar2	4000	not	Curve data storage format: "[Sampling time interval (100 milliseconds)] @ [Sideslip value] # [Sideslip value] # [Sideslip value]"...",Unit: m/km,for example:100@5.6#4.5#4.5#4.5#4.5#45#4.5
13	cykssj	Sampling start time	date		not	The time of the first point of curve sampling:yyyy-mm-dd hh24:mi:ss.ff3
14	cyjssj	Sampling end time	date		not	The time of the last point in curve sampling:yyyy-mm-dd hh24:mi:ss.ff3

Table :Horn meter detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar	21	necessary	
2	jcxdh	Testlane ID Code	varchar	2	necessary	For example:1,2,3,4,5,6,7,8,9,10,...
3	jyxm	Test Item	varchar	2	necessary	Write-in "LA"
4	jycs	Inspection Times	number	2	necessary	
5	sjz	Horn value	number	5,1	necessary	Unit:dB(A)
6	sjpd	Horn judge	Varchar	2	necessary	
7	sjz2	Horn value 2	number	5,1	not	Unit:dB(A)
8	sjpd2	Horn judge2	Varchar	2	not	

Table :Suspension tester detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
					necessary	

	jylsh	Serial Number	varchar	21		
2	jcxdh	Testlane ID Code	varchar	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
3	jyxm	Test Item	varchar	2	necessary	Write-in "X1"
4	jycs	Inspection Times	number	2	necessary	
5	xjqzzxsl	Suspension front axle left absorption rate	number	4,1	not	Unit: %
6	xjqzzxslpd	Suspension front axle left absorption rate judge	char	2	not	
7	qzlzhdpl	Suspension front axle left vibration frequency	number	4,1	not	Unit: Hz
8	xjqzyxsl	Suspension front axle right absorption rate	number	4,1	not	Unit: %
9	xjqzyxslpd	Suspension front axle right absorption rate judge	char	2	not	
10	qylzhdpl	Suspension front axle right vibration	number	4,1	not	Unit: Hz

		frequency			
11	xjqzxslc	Suspension front axle left and right absorption rate difference	number	4,1	not	Unit: %
12	xjqzxslcpd	Suspension front axle left and right absorption rate difference judge	char	2	not	
13	xjhzzxsl	Suspension rear axle left absorption rate	number	4,1	not	Unit: %
14	xjhzzxslpd	Suspension rear axle left absorption rate judge	char	2	not	
15	hzlzhdpl	Suspension rear axle left Vibration frequency	number	4,1	not	
16	xjhzyxsl	Suspension rear axle right absorption rate	number	4,1	not	Unit: %
17	xjhzyxslpd	Suspension rear axle right absorption rate judge	char	2	not	

	hylzhdpl	Suspension rear axle right vibration frequency	number	4,1	not	
19	xjhzxslc	Suspension rear axle left and right absorption rate difference	number	4,1	not	Unit: %
20	xjhzxslcpd	Suspension rear axle left and right absorption rate difference judge	char	2	not	
21	qzzlxsqx	Front axle left wheel absorption curve	varchar	4000	not	[Sampling interval (10 milliseconds)]@[Dynamic Wheel Load]$[Dynamic Wheel Load]...",Unit:10N,for example:10@56$56$56$56$56$56
22	qzylxsqx	Front axle right wheel absorption curve	varchar	4000	not	format:Same as above
23	hzzlxsqx	Rear axle left wheel absorption curve	varchar	4000	not	format:Same as above
24	hzylxsqx	Rear axle right wheel absorption curve	varchar	4000	not	format:Same as above
25	qzzlzh	Front axle left	number	6	not	Unit: kg

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
		wheel static wheel load				
26	qzzldtzh	Front axle left wheel dynamics wheel load	number	6	not	Unit: kg
27	qzylzh	Front axle right wheel static wheel load	number	6	necessary	Unit: kg
28	qzyldtzh	Front axle right wheel dynamics wheel load	number	6	not	Unit: kg
29	hzzlzh	Rear axle left wheel static wheel load	number	6	not	Unit: kg
30	hzzldtzh	Rear axle left wheel dynamics wheel load	number	6	not	Unit: kg
31	hzylzh	Rear axle right wheel static wheel load	number	6	not	Unit: kg
32	hzyldtzh	Rear axle right wheel dynamics wheel load	number	6	not	Unit: kg

Table :Exhaust emission(Dual Idle Method) detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID	varchar2	2	necessary	for

		Code				example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "X1"
5	jycs	Inspection Times	number	2	necessary	
6	ddsco	Idle CO	NUMBER(12,4)	12,4	not	(%)
7	ddscopd	Idle CO judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
8	ddshc	Idle HC	NUMBER(12,4)	12,4	not	Unit:10^{-6}
9	ddshcpd	Idle HC judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
10	ddsno	Idle NO	NUMBER(12,4)	12,4	not	(%)
11	ddsnopd	Idle NO judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
12	ddso2	Idle O2	NUMBER(12,4)	12,4	not	Unit:10^{-6}
13	ddso2pd	Idle O2 judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
14	ddsco2	Idle CO2	NUMBER(12,4)	12,4	not	(%)
15	ddsco2pd	Idle CO2 judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
16	ddskrb	Idle λ	NUMBER(12,4)	12,4	not	(%)
17	ddskrbpd	Idle λ judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
18	ddsfdjzs	Idle RPM	NUMBER(12,4)	12,4	not	Unit:r/min
19	ddsfdjyw	Idle oil temperature	NUMBER(12,4)	12,4	not	Unit:
20	gdsco	High idle CO	NUMBER(12,4)	12,4	not	(%)
21	gdscopd	High idle CO judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
22	gdshc	High idle HC	NUMBER(12,4)	12,4	not	Unit:10^{-6}
23	gdshcpd	High idle HC judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
24	gdsno	High idle NO	NUMBER(12,4)	12,4	not	(%)
25	gdsnopd	High idle NO judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
26	gdso2	High idle O2	NUMBER(12,4)	12,4	not	Unit:10^{-6}
27	gdso2pd	High idle O2 judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
28	gdsco2	High idle CO2	NUMBER(12,4)	12,4	not	(%)
29	gdsco2pd	High idle CO2 judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
30	gdskrb	High idle λ	NUMBER(12,4)	12,4	not	(%)

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
	gdskrbpd	High idle λ judge	VARCHAR2	1	not	0-Unqualified, 1-qualified
32	gdsfdjzs	High idle RPM	NUMBER(12,4)	12,4	not	Unit:r/min
33	gdsfdjyw	High idle oil temperature	NUMBER(12,4)	12,4	not	Unit:
34	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
35	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
36	clsbdh	Vehicle ID Code	varchar2	25	not	
37	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...

Table :Exhaust emission(opacimeter) detection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jyxm	Test Item	varchar2	2	necessary	Write-in "X5"
5	jycs	Inspection Times	number	2	necessary	
6	ydzk1	Opacity value K1	NUMBER(12,4)	12,4	not	(m^{-1})
7	ydzn1	Opacity value N1	NUMBER(12,4)	12,4	not	(%)
8	ydzpz1	Opacity average value 1	NUMBER(12,4)	12,4	not	(m^{-1})
9	dszs1	Idle RPM 1	NUMBER(12,4)	12,4	not	Unit:r/min
10	dszgzs1	Maximum RMP idle 1	NUMBER(12,4)	12,4	not	Unit:r/min
11	zs1	Detection RMP 1	NUMBER(12,4)	12,4	not	Unit:r/min
12	yw1	oil temperature1	NUMBER(12,4)	12,4	not	Unit:
13	ydzk2	Opacity value K2	NUMBER(12,4)	12,4	not	(m^{-1})
14	ydzn2	Opacity value N2	NUMBER(12,4)	12,4	not	(%)
	ydzpz2	Opacity	NUMBER(1	12,4	not	(m^{-1})

		average value 2	2,4)			
16	dszs2	Idle RPM 2	NUMBER(12,4)	12,4	not	Unit:r/min
17	dszgzs2	Maximum RMP idle 2	NUMBER(12,4)	12,4	not	Unit:r/min
18	zs2	Detection RMP 2	NUMBER(12,4)	12,4	not	Unit:r/min
19	yw2	oil temperature2	NUMBER(12,4)	12,4	not	Unit:
20	ydzk3	Opacity value K3	NUMBER(12,4)	12,4	not	(m^{-1})
21	ydzn3	Opacity value N3	NUMBER(12,4)	12,4	not	(%)
22	ydzpz3	Opacity average value 3	NUMBER(12,4)	12,4	not	(m^{-1})
23	dszs3	Idle RPM 3	NUMBER(12,4)	12,4	not	Unit:r/min
24	dszgzs3	Maximum RMP idle 3	NUMBER(12,4)	12,4	not	Unit:r/min
25	zs3	Detection RMP 3	NUMBER(12,4)	12,4	not	Unit:r/min
26	yw3	oil temperature3	NUMBER(12,4)	12,4	not	Unit:
27	ydzk4	Opacity value K4	NUMBER(12,4)	12,4	not	(m^{-1})
28	ydzn4	Opacity value N4	NUMBER(12,4)	12,4	not	(%)
29	ydzpz4	Opacity average value 4	NUMBER(12,4)	12,4	not	(m^{-1})
30	dszs4	Idle RPM 4	NUMBER(12,4)	12,4	not	Unit:r/min
31	dszgzs4	Maximum RMP idle 4	NUMBER(12,4)	12,4	not	Unit:r/min
32	yw4	oil temperature4	NUMBER(12,4)	12,4	not	Unit:
33	zs4	Detection RMP 4	NUMBER(12,4)	12,4	not	Unit:r/min
34	ydzk5	Opacity value K5	NUMBER(12,4)	12,4	not	(m^{-1})
35	ydzn5	Opacity value N5	NUMBER(12,4)	12,4	not	(%)
36	ydzpz5	Opacity average value 5	NUMBER(12,4)	12,4	not	(m^{-1})
37	dszs5	Idle RPM 5	NUMBER(12,4)	12,4	not	Unit:r/min
38	dszgzs5	Maximum RMP idle 5	NUMBER(12,4)	12,4	not	Unit:r/min
39	zs5	Detection RMP 5	NUMBER(12,4)	12,4	not	Unit:r/min
40	yw5	oil temperature5	NUMBER(12,4)	12,4	not	Unit:
41	ydzk6	Opacity value K6	NUMBER(12,4)	12,4	not	(m^{-1})
42	ydzn6	Opacity value N6	NUMBER(12,4)	12,4	not	(%)

	ydzpz6	Opacity average value 6	NUMBER(12,4)	12,4	not	(m⁻¹)
44	dszs6	Idle RPM 6	NUMBER(12,4)	12,4	not	Unit:r/min
45	dszgzs6	Maximum RMP idle 6	NUMBER(12,4)	12,4	not	Unit:r/min
46	zs6	Detection RMP 6	NUMBER(12,4)	12,4	not	Unit:r/min
47	yw6	oil temperature6	NUMBER(12,4)	12,4	not	Unit:
48	ydzpzn	Opacity value N average	NUMBER(12,4)	12,4	not	(%)
49	ydzpzk	Opacity value k average	NUMBER(12,4)	12,4	not	(m⁻¹)
50	zspz	RPM average	NUMBER(12,4)	12,4	not	Unit:r/min
51	pfjgpd	Emission results judge	varchar2	1	not	0-Unqualified, 1-qualified
52	hpzl	Plate Type	varchar2	2	not	in-use vehicle necessary
53	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
54	clsbdh	Vehicle ID Code	varchar2	25	not	
55	gwjysbbh	Workstation inspection equipment number	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...

Table :Steering angle detection results

Parameter	Type	Name	Whether Necessary	Remark
jylsh	varchar(21)	Serial Number	Y	
jcxdh	varchar(2)	Testlane ID Code	Y	for example:1,2,3,4,5,6,7,8,9,10,...
jyxm	varchar(2)	Test Item	Y	Write-in "ZJ"
jycs	numeric(2,0)	Inspection Times	Y	
zlzzj	numeric(4,1)	Left wheel turn left		Unit: ° , rounded to one decimal place
zlyzj	numeric(4,1)	Left wheel turn right		Unit: ° , rounded to one decimal place
ylzzj	numeric(4,1)	Right wheel turn left		Unit: ° , rounded to one decimal place
ylyzj	numeric(4,1)	Right wheel turn right		Unit: ° , rounded to one decimal place
fxpzyzdl	numeric(4,1)	Free rotation value of steering wheel		Unit: ° , rounded to one decimal place
kssj	Date	Inspection process start time		Format:yyyy-mm-dd hh24:mi:ss.ff3
jssj	Date	End time		format::yyyy-mm-dd

			hh24:mi:ss.ff3

Returned Result ：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-8101	The inspection serial number has been cancelled,unable to upload detailed information on instrument and equipment inspection results	
-8102	The inspection serial number has been Completed,unable to upload detailed information on instrument and equipment inspection results	
-8103	No inspection start information exists,unable to upload detailed information on instrument and equipment inspection results	
-8104	The detection time is different from the login detection time	
-8105	There is no test item start information for this instrument and device,unable to upload detailed information on instrument and equipment inspection results	
-8106	The Test Item process information for this instrument has ended,unable to upload detailed information on instrument and equipment inspection results	
-8107	Please upload the login information for motor vehicle inspection first	
-8108	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual

		details	

2.3.8 18C58-Motor Vehicle Test Item End Information

Port Type:Write-in

Port Tag:18C58

Description: At the end of manual inspection of motor vehicles, instrument and equipment inspection, and road test projects, upload the end of Test Item information.

Processing process: Query the flow process control information table based on jylsh and jyjgbh, verify the login information table, verify the validity of input information, save the end of Test Item information, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Test Item End Information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	jyxm	Test Item	varchar2	2	necessary	
6	hpzl	Plate Type	varchar2	2	not	
7	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
8	clsbdh	Vehicle ID Code	varchar2	25	necessary	
9	gwjysbbh	Workstation inspection equipment number	varchar2	30	not	
10	jssj	Test Item End Time	date		necessary	Fill in the inspection service system time
11	sbdh	Equipment code	number	1	not	The default value is 1, and the same project has multiple cameras. This

						parameter distinguishes different cameras. 0- No recording. Less than 0- only recording

Returned Result：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-5801	The inspection serial number has been cancelled,unable to upload Test Item end information	
-5802	The inspection serial number has been Completed,unable to upload Test Item end information	
-5803	There is no information about the start of the inspection process,unable to upload Test Item end information	
-5804	The detection time is different from the login detection time	
-5805	There is no start information for this Test Item,unable to upload Test Item end information	
-5806	The process information for this Test Item has ended,unable to upload Test Item end information	
-5807	Please upload the login information for motor vehicle inspection first	
-5808	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.9 18C59-End of the motor vehicle inspection process

Interface type: write-class interface

Interface identification: 18C59

Function description: When the inspection is completed, upload the information of the inspection process at the end, or the inspection is not completed due to failure, but the inspection process should be completed manually to facilitate the re-inspection.

Write X mlDoc Document description: Node label vehispara, write data fields in the table below:

Table : The motor vehicle inspection process is finished

No.	Parameter item	Name	Type	length	Whether can be empty	Remarks
1	jylsh	Serial Number	varchar2	17	Not empty	
2	jyjgbh	Inspection Agency No	varchar2	10	Not empty	
3	jcxdh	Testlane ID Code	varchar2	2	Not empty	1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	Not empty	
5	hpzl	Plate Type	varchar2	2	Can be empty	
6	hphm	Plate Number	varchar2	15	Can be empty	You can't use a car
7	clsbdh	Vehicle identification code	varchar2	25	Not empty	
8	jssj	End time of the inspection process	date		Not empty	Fill in the inspection service system time

Return result: return result XML document, code (mark, 1 successful; less than 0 failed, $E is system exception), message (description information), keystr (encrypted string).

The code mark is defined as follows:

Code price	explain	remarks
1	The data was written successfully	
-1001	Data items are incomplete	The actual returns the specific description information
-1002	The record information of the inspection institutions is abnormal	The actual returns the specific description information
-5901	The inspection flow has been returned, and the end information	

	of the inspection process cannot be uploaded	
-5902	The inspection flow has been completed, and the end information of the inspection process cannot be uploaded	
-5903	There is no inspection process start information, and the inspection process end information cannot be uploaded	
-5904	The number of tests is inconsistent with the number of test login	
-5905	There is information of inspection items under inspection, and the end of inspection process cannot be uploaded	
-5906	The inspection process has ended, and the end information of the inspection process cannot be uploaded	
-5907	Please upload the motor vehicle inspection and login information first	
-5908	The plate type / number is inconsistent with the inspection and login information (/)	
-9999	Other error	The actual returns the specific description information
$E	System Issue	The actual returns the specific description information

2.3.10 18C82-Other information on motor vehicle inspection results

Port Type: Write-in

Port Tag:18C82

Description: Before the end of the motor vehicle inspection process, upload other information on the inspection results.

Processing process: According to jylsh and jyjgbh, query the flow process control information table, verify the login information table, verify the legitimacy of input information, save the inspection results and other information, and return the processing results.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Other information on motor vehicle inspection results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID	varchar2	10	necessary	

		Code				
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8, 9,10,...
4	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
5	hpzl	Plate Type	varchar2	2	not	
6	clsbdh	Vehicle ID Code	varchar2	25	necessary	
7	ycyxm	Driver	varchar2	30	not	
8	ycysfzh	Driver(ID card)	varchar2	30	not	
9	zczdl	Total brake rate	number	5,1	not	Including four integers and one decimal place(%)
10	zczdpd	Total brake rate judge	char	1	not	0- Untested, 1- Qualified, 2- Unqualified
11	zczdjyjg	Main vehicle brake inspection results	char	1	necessary	When inspecting the main vehicle (tractor) and trailer together, write the trailer inspection results when uploading them .0- Untested, 1- Qualified, 2- Unqualified
12	zdjccs	Vehicle braking times	number	2	not	
13	zcpd	Total judge	char	1	necessary	0- Untested, 1- Qualified, 2- Unqualified
14	zjccs	Total inspection Times	number	2	necessary	
15	jczczbzl	Inspected whole vehicle weight without load	number	8	not	
16	bzzczbzl	Standard whole vehicle weight without load	number	8	not	

		Standard whole vehicle and weight without load ratio	number	6,1	not	Subtract the absolute value of item 15 from item 16 and divide it by item 16,including five integers and one decimal place
18	zbzlpd	Weight without load judge	char	1	not	
19	qychphm	Type of license plate	varchar2	2	not	When inspecting trailers, it is not allowed to be empty when jczczbzl contains the mass of the towing vehicle (Inspected whole vehicle weight without load)
20	qychphm	Plate Number	varchar2	15	not	

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-8201	The inspection serial number has been cancelled,unable to upload inspection results and other information	
-8202	The inspection serial number has been Completed,unable to upload inspection results and other information	
-8203	No inspection start information exists,unable to upload inspection results and other information	
-8204	Please upload the login information for motor vehicle inspection first	
-8205	The type of license plate/Plate Number is different from the inspection login information (x/x)	

-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.11   18C62-Motor vehicle inspection and judgment result information

Port Type: Write-in

Port Tag:18C62

Description: After the motor vehicle inspection process is completed, upload the inspection judgment result information

Processing process: Query the flow process control information table based on jylsh and jyjgbh, verify the login information table, verify the legality of input information, save the inspection and judgment result information, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Inspection and judgment result information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
6	hpzl	Plate Type	varchar2	2	not	
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	
8	jyjl	Inspection conclusion	varchar2	1024	necessary	Write-in: 1-Qualified 2-unqualified
9	pzrxm	Inspection reporter	varchar2	30	necessary	
10	rgjyjgs	Manual Test Item Results	varchar2	4000	not	Can contain multiple child node labels rgjyjg, see instructions (1)
11					not	

	yqsbjyjgs	Instrument and Equipment Test Item Results	varchar2	4000		Can contain multiple child node labels yqsbjyjg, see instructions (2)
12	jybgjy	Inspection report recommendations	varchar2	1024	not	
13	jybgbz	Inspection report remark	varchar2	1024	not	

Explanation:

(1)Manual Test Item Results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	xh	**No.**	number	2	necessary	for example:1,2,3,......
2	rgjyxm	Test Item	varchar2	256	necessary	Fill in the Test Item name by single or multiple items, for example: vehicle uniqueness check, online query, etc
3	rgjgpd	Result judge	char	1	necessary	0-Untested 1-Qualified 2-Unqualified
4	rgjysm	Explanation of non-compliance with project situation	varchar2	1024	not	
5	rgjybz	Remark	varchar2	1024	not	

(2)Instrument and Equipment Test Item Results

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	xh	**No.**	number	2	necessary	for example:1,2,3,......
2	yqjyxm	Test Item	varchar2	256	necessary	Fill in the Test Item name by single or multiple items, including one axle

						braking rate, one axle imbalance rate, etc
3	yqjyjg	Result	varchar2	1024	necessary	
4	yqbzxz	Standard limits	varchar2	1024	necessary	
5	yqjgpd	Result judge	char	1	necessary	0-Untested 1-Qualified 2-Unqualified
6	yqjybz	Remark	varchar2	1024	not	

The interface writes data to the WriteXmlDoc document format as follows:

```xml
<?xml version="1.0" encoding="GBK"?>

<root>

<vehispara>--Node Label

<jylsh></jylsh>--Write data fields

<jyjgbh></jyjgbh>

  ......

<rgjyjgs>

<rgjyjg>

<xh>1</xh>

<rgjyxm></rgjyxm>

......

</rgjyjg>

<rgjyjg>

<xh>2</xh>

<rgjyxm></rgjyxm>

......

</rgjyjg>

......

</rgjyjgs>

<yqsbjyjgs>

<yqsbjyjg>

<xh>1</xh>

<yqjyxm></yqjyxm>

......

</yqsbjyjg>

<yqsbjyjg>

<xh>2</xh>
```

```
<yqjyxm></yqjyxm>

......

</yqsbjyjg>

......

</yqsbjyjgs>

......

</vehispara>

</root>
```

Returned Result :XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Return the actual details
-6201	The inspection serial number has been cancelled,unable to upload inspection and judgment result information	
-6202	The inspection serial number has been completed,unable to upload inspection and judgment result information	
-6203	There is no completion information for the inspection process,unable to upload inspection and judgment result information	
-6204	Please upload the login information for motor vehicle inspection first	
-6205	The type of license plate/Plate Number is different from the inspection login information (x/x)	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.12   18C65-Motor vehicle re-inspection login information

Port Type: Write-in

Port Tag:18C65

Port Description: Before the start of motor vehicle re inspection, upload the login information for motor vehicle re inspection.

Processing process: Based on the query flow process control information table, inspection login information table, and inspection agency filing information table of jylsh and jyjgbh, verify the legitimacy of the input information, save the inspection login information, and return the processing result.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table :Re-inspection Information

No.	Parameter	Name	Type	Length	Necessary or Not	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	Not	For example:1,2,3,4,5,6,7,8,9,10,...
4	xh	Motor vehicle serial number	varchar2	14	Not	
5	hpzl	Plate Type	varchar2	2	Not	
6	hphm	Plate Number	varchar2	15	Not	This necessary for in-use vehicle
7	clsbdh	Vehicle Serial Number	varchar2	25	necessary	Complete VIN code or chassis code
8	fdjh	Engine/E-motor Code	varchar2	30	Not	
9	csys	Body Color	varchar2	5	Not	GA/T16.8
10	syxz	Use Type	char	1	Not	GA/T16.3
11	fjx	Re-test Item	varchar2	50	necessary	Multi value,Separated by English half corner comma.
12	fjdlsj	Re-test Registered Date	date		necessary	
13	jycs	Inspection Times	number	2	necessary	
14	dly	Registrar	varchar2	30	necessary	
15	ycy	Driver	varchar2	30	Not	
16	wjy	Appearance	varchar2	30	Not	

		inspector				
17	dtjyy	Dynamic inspector	varchar2	30	Not	
18	dpjyy	Chassis inspector	varchar2	30	Not	
19	sjr	Vehicle Sender	varchar2	30	Not	
20	sjrsfzh	Vehicle Sender ID	varchar2	30	Not	

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	Data write-in succeed	
-1001	The items are not completed	Return the actual details
-1002	The record information of the inspection institutions is abnormal	Actual return specific description information
-6501	The inspection flow has been cancelled and the login information for re inspection cannot be uploaded	
-6502	The inspection flow has been completed and the re inspection login information cannot be uploaded	
-6503	The current status of the inspection flow is X, and the login information for re inspection cannot be uploaded	
-6504	Please upload the login information for motor vehicle inspection first	
-6505	The number of inspections for re inspection should be greater than the number of inspections logged in last time	
-6506	The type/number of the license plate is inconsistent with the inspection login information (x/x)	
-9999	Other error	Actual return specific description information
$E	System Issue	Actual return specific description information

2.3.13 18C72-Rejection of Inspection Registration

Port Type: Write-in

Port Tag:18C72

Description: In case that some vehicle inspection is not accepted by the system due to No Audit or Audit Failed or other reason and the inspection appointment must be returned, then it can be done based on this port

Processing process: Perform logical verification on the input parameters of the interface, and write a request for the return of motor vehicle inspection business.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

Table : Rejection of Inspection Registration

No.	Parameter	Name	Type	Length	Necessary or Not	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hpzl	Plate Type	varchar2	2	not	
4	hphm	Plate Number	varchar2	15	not	Necessary for in-use vehicle

Returned Result :XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is as below:

Code Value	Description	Remark
1	The data was written successfully	
-1001	Data items are incomplete	Return the actual details
-7201	Already returned, and no need returned again	
-7202	The current status is XXX, and rejection not available	
-7203	Serial number is not existed.	
-9999	Other error	Return the actual details
$E	System issue	Return the actual details

2.3.14 18Z50-Obtain local service time

Port Type: Query

Port Tag:18C50

Description: Inspection Information System

Processing process: Query the time of the inspection and supervision system, return to the inspection information system, and synchronize the time with the inspection service platform, while recording the time synchronization log information.

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	babh	Filing number	varchar2	10	not	

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

Table : Inspection and Supervision System Time Information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	sj	Server system time	date		necessary	Accurate to milliseconds,format:yyyy-mm-dd hh24:mi:ss.ff3
2	Regtime	The term of validity	Date		not	yyyy-mm-dd

(*All client programs call this interface to synchronize local time)

2.3.15 18Z51-User login information authentication

Port Type: Write-in

Port Tag:18Z51

Description: User login information authentication

Processing process:1. Determine if the user exists. 2. Determine if the password is correct. 3. Check if the calibration serial number is legal. 4. Calibrate whether the physical address and IP address of the network card correspond to the corresponding user.

WriteXmlDoc:node tag: vehispara,and field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	yhdlm	User login name	varchar2	32	not	
3	yhdlmm	User login password	varchar2	32	not	MD5 encryption, the password must contain letters, numbers, and special characters, and the complexity of the

						password is calibrated by the client
4	verifyType	Authentication method	int	1	not	0-Password 1-Fingerprint 2-Face Image 3-Fingerprint and Face Image, 4-IC Card ,defaults to 0
5	verifyResult	Authentication results	int	1	not	0- Unauthenticated 1-Authentication passed 2-Authentication failed (password method IC card method not)
6	mxsbsj	Facial recognition data	varchar2		not	3, 6, 7, and 10 have a string that cannot be empty and encoded with base64
7	zwsbsj	Fingerprint recognition data	varchar2		not	3, 6, 7, and 10 have a string that cannot be empty and encoded with base64
8	wkwldz	Physical address	varchar2	64	not	IP|Physical address
9	imei	PDA terminal IMEI code	varchar2	64	not	PDA login cannot be empty
10	iccode	IC card number	varchar2	64	not	3, 6, 7, and 10 have a string that cannot be empty
11	xlh	serial number	varchar2	64	not	Software registration serial number

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),dlyhqx (login user permission: main control program permission: 1-permission 0-no permission; PDA terminal permission: return test items with permission, such as F1, C1, DC, R, M1, T (scheduling control), sfzh (ID number), yhxm (user name).

Code is defined as below:

Code Value	Description	Remark

1	User login successful	
-1001	The software is not registered. Please register before logging in	
-1002	The software registration serial number has expired. Please re-enter the newly applied registration serial number in the business information system	
-1003	The user does not exist in the system, there are still X opportunities left to try	
-1004	The user account has expired,there are still X opportunities left to try	
-1005	The user account has been logged out,there are still X opportunities left to try	
-1006	The user account has been locked,there are still X opportunities left to try	
-1007-	Login password error,there are still X opportunities left to try	
-1008	The login password has expired, please change the password	Pop up the login password modification interface
-1009	Not logging in on allowed terminals,there are still X opportunities left to try	
-1010	Unable to log in beyond the allowed time period	
-1011	User account has no permissions,there are still X opportunities left to try	When there are 0 attempts returned, the system will exit directly and lock the user directly
-1012	The interface authorization code is incorrect, unable to log in	
-1013	Cannot log in due to exceeding the allowed number of user authorizations	
-1014	PDA terminal not registered	
-1015		
-1016	IC card number does not exist	
-1017	IC card deactivated	
-1018	IC card has been invalidated	
-1019	IC card lost	
-9999	Other error	Return the actual details

$E	System Issue		Return the actual details

2.3.16   18Z52-Change password and register face image fingerprint

Port Type: Write-in

Port Tag:18Z52

Description: User login information collection

Processing process:1. Determine if the user exists. 2. Verify if the password is correct. 3. Verify if the serial number is legal. 4. Verify if the physical address and IP address of the network card correspond to the user.

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	yhdlm	User login name	varchar2	32	necessary	
3	yhdlmm	User's original login password	varchar2	32	not	MD5 encryption uses user ID+username+user password to encrypt together. The string to be encrypted is "user ID | username | password", and the password must contain letters, numbers, and special characters. The complexity of the password is calibrated by the client, and the password modification method cannot be empty
4	xdlmm	New login password	varchar2	32	not	Same as above, when changing the password, it cannot be empty, and collecting facial image fingerprint data is not

					allowed	
5	dataSet					Fingerprint image dataset
6	wkwldz	Physical address	varchar2	64	necessary	IP|Physical address
7	xlh	serial number	varchar2	64	not	

Fingerprint image data

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	ftype	Fingerprint image type	Int		necessary	1-Fingerprint 2-Face Image
2	fid	Fingerprint image Id	varchar	20	necessary	
3	fname	Fingerprint image name	varchar	50		
4	fdata	Fingerprint image data	varchar	4000	necessary	

Returned Result : XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	Successfully modified login password	
-1001	The original login password is incorrect	
-1002	The new login password does not comply with security rules	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.3.17　18Z47- Appearance Test Item Query for Motor Vehicles

Port Type: Write-in

Port Tag:18Z47

Description: Appearance Test Item Query

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hphm	Plate Number	varchar2	15	not	
4	hpzl	Plate Type	varchar2	2	not	
5	jyxm	Test Item	varchar2	2	not	

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

Table :Appearance test item information for motor vehicles

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	rgjyxmxh	Appearance Test Item Number	varchar2	4	necessary	for example:01
2	rgjyxm	Appearance Test Item	varchar2	200	necessary	for example:Plate Number/Vehicle Type--Data Page Project Name
3	rgjyxmjdmc	Appearance Test Item Node Name	varchar2	64	not	rhplx-01,xml,Upload the corresponding node name
4	rgjyxmzb	Appearance Test Item Group	varchar2	4	not	for example:F1
5	rgjyxmzbmc	Appearance Test Item Group Name	varchar2	50	not	The corresponding name of the project, such as appearance inspection
6	rgjyxmzzb	Appearance Test Item Subgroup	varchar2	4	not	The order of the two major items in manual inspection.for example:1
7	rgjyxmzzbmc	Appearance Test Item Subgroup Name	varchar2	50	not	Appearance Test Item Category Name.For example:1-Appearance,2-Chassis
8	rgjyxmpdf	Whether to judge	nvarchar	1	necessary	0-not judge 1-judge,2-Input value field

2.3.18   18Z48- Query of photo items for Appearance

Port Type: Write-in

Port Tag:18Z48

Description: Query of photo items for Appearance

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hphm	Plate Number	varchar2	15	not	
4	hpzl	Plate Type	varchar2	2	not	
5	jyxm	Test Item	varchar2	2	not	

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

Table : Corresponding photos and Test Item information

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	zpzl	Photo type	varchar2	4	necessary	
2	zpzlmc	Photo type name	varchar2	50	necessary	
3	jyxm	Test Item	varchar2	4	not	for example:Appearance F1, chassis C1, dynamic DC, Headlight H1, H2... etc
4	glrgjyxm	Associate Appearance Test Item	varchar2	4	not	for example:Can return associated Appearancel Test Items, such as vehicle color, etc

2.3.19 18Z01-Get the list of login personnel

Port Type: Query

Port Tag:18Z01

Description: Get the list of login personnel

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark

	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	jyxm	Test Item	varchar2	2	not	F1-Appearance inspection data

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
5	yhdlm	User login name	varchar2	10	necessary	
6	userId	User ID	int		necessary	

```xml
<?xml version="1.0" encoding="GBK"?>
<root>
    <head>
        <code>1</code>
        <message>Data download successful!</message>
        <rownum>1</rownum>
    </head>
    <body>
        <vehispara id="0">
            <yhdlm>Alex</yhdlm>
            <userId>6</userid>
        </vehispara>
        ......
    </body>
</root>
```

2.3.20 18Z10-Obtain a manual detection project dictionary and photos

Port Type: Query

Port Tag:18Z10

Description: Obtain a manual detection project dictionary and photos

Processing process: Obtain manual detection data

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are

shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	zdlx	Dictionary Type	varchar2	255	necessary	101(VI)—Appearance item 105(VP)—Appearance photos 106(ZL)—Information photos 107(GW)-Workstation photo 112(VC)—Body Color 113(VA)-Use Type 114(VO)—fuel type 115(VL)—Type of license plate 116(VX)—Vehicle Type 117(VS)—Category of vehicle 193--Reasons for unqualified artificial appearance ...... Multiple data dictionary types can be passed in at once, separated by commas

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	zdlx	Dictionary Type	varchar2	10	necessary	
2	zddm	Dictionary value code	varchar2	20		

	zdz	Dictionary code	varchar2	50		
4	zdmc	Dictionary name	varchar2	50		

```xml
<?xml version="1.0" encoding="GBK"?>
<root>
    <head>
        <code>1</code>
        <message>Data download successful!</message>
        <rownum>1</rownum>
    </head>
        <body>
        <vehispara id="0">
            <zdlx> VI</zdlx>
            <zddm>01</zddm>
            <zdz>Plate Number/Vehicle Type</zdz>
            <zdmc>rhplx</zdmc>
        </vehispara>
        <vehispara id="1">
            <zdlx> DP</zdlx>
            <zddm>41</zddm>
            <zdz>steering system</zdz>
            <zdmc>rzxx</zdmc>
        </vehispara>
        ......
    </body>
</root>
```

2.3.21　18Z63-Send take photo command

Port Type: Write-in

Port Tag:18Z63

Description: Send take photo command

Processing process: Control the camera to take photos and upload them

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	

	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	jycs	Inspection Times	number	2	necessary	
5	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary
6	hpzl	Plate Type	varchar2	2	not	
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	
8	pssj	photo-op	date		necessary	
9	jyxm	Test Item	varchar2	2	not	When the photo type is 23, fill in the manual Test Item: C1, DC; When the photo type is 21, fill in the headlight item: H1,H2,H3,H4; When the photo type is 22, fill in the brake item:B1,B2,B3,B4,B5,B0;
10	zpzl	Photo type	varchar2	4	necessary	0321-Photo of left headlight 0352-Photo of right headlight 0322-Photo of axle1 brake 0348-Photo of axle2 brake 0349-Photo of axle3 brake 0350-Photo of axle4 brake 0354-Photo of axle51 brake 0351-Photo of parking 0347-Photo of speedo 0353-Photo of sideslip 0371-Photo of suspension 0372-Photo of horn 0373-Photo of exhaust
11	sbdh	Equipment code	number	1	not	The default value is 1, and the same project has

						multiple cameras. This parameter distinguishes different cameras.

2.3.22 18Z15-Get configuration parameters

Port Type: Query

Port Tag:18Z15

Description: Get configuration parameters

Processing process: Obtain the corresponding parameter types and values from the environmental parameter table.

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	cslx	parameter type	varchar2	255	not	JYJGBH—Organization ID Code InterfaceSN1-Verification of Information System Interface Authorization Code InterfaceSN2--Verify the authorization code for the intelligent terminal interface cjsqbh—Application scenario number JYJGMC—Name of Inspection Institution xtlb—System Category IsAllWorkDispatch-Is it automatically scheduled ...... Multiple data dictionary types can be passed in at once, separated by commas

ResultXML:node tag: vehispara,and field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	cslx	parameter type	varchar2	10	necessary	
2	zlx	Value type	varchar2	20		
3	csz	parameter value	varchar2	50		
4	csmc	parameter name	varchar2	50		

```xml
<?xml version="1.0"encoding="GBK"?>
<root>
    <head>
        <code>1</code>
        <message>Data download successful!</message>
        <rownum>1</rownum>
    </head>
        <body>
        <vehispara id="0">
            <cslx>JYJGBH</cslx>
            <zlx>TVarchar</zlx>
            <csz>4300000039</csz>
            <csmc>Organization ID Code </csmc>
        </vehispara>
        ......
    </body>
</root>
```

2.3.23 18Z11-Obtain information on vehicles to be inspected

Port Type: Query

Port Tag:18Z11

Description: Obtain information on vehicles to be inspected

Processing process: Obtain the last vehicle information for the given conditions from the registration data.

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	

	jyxm	Test Item	varchar2	2	not	F1-appearance H1-Left exterior lamp ......
3	hphm	Plate Number	varchar2	15	not	
4	jcxdh	Testlane ID Code	number	2	necessary	
5	gwdh	Working-stage Code	number	2	not	When Cxfs=1,necessary
6	jylsh	Serial Number	varchar2	17	not	
7	cxfs	Query Method	varchar2	2	necessary	- PDA query appearance inspection vehicle information 1- The detection business system queries the information of the vehicles to be inspected 2- PDA terminal query/scheduling control waiting for inspection vehicle queue

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	Within the same inspection agency, it is unique
2	jyjgbh	Organization ID Code	varchar2	10	necessary	According to the registration information of the inspection agency, the same below
3	jcxdh	Testlane ID Code	varchar2	2	not	According to the registration information of

					the inspection agency, the same below,for example:1,2,3,4,5,6,7,8,9,10,...
4	xh	Motor vehicle serial number	varchar2	14	not	
5	hpzl	Plate Type	varchar2	2	not	
6	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary.format:for example"BAA345"
7	clsbdh	Vehicle ID Code	varchar2	25	necessary	Fill in the complete VIN or chassis number.
8	fdjh	Engine/E-motor Code	varchar2	30	not	
9	csys	Body Color	varchar2	5	not	GA/T16.8
10	syxz	Use Type	char	1	not	GA/T16.3
11	ccdjrq	Initial Regis. Date	date		not	"yyyy-mm-dd"
12	jyrq	Inspection Date	date		not	"yyyy-mm-dd"
13	jyyxqz	Inspection Valid to	date		not	"yyyy-mm-dd"
14	bxzzrq	Insurance Valid to	date		not	"yyyy-mm-dd"
15	rlzl	Fuel Type	varchar2	3	not	Can input three types simultaneously
16	gl	Power	number	5,1	not	Unit: Kilowatt (kW), four whole numbers, one decimal place
17	zs	Axle Quantity	number	1	necessary	
18	zj	Axle Distance	number	5	not	Unit: mm
19	qlj	Front Wheel Distance	number	4	not	Unit: mm
20	hlj	Rear Wheel Distance	number	4	not	Unit: mm
21	zzl	Total Weight with Loading Capacity	number	8	necessary	kg
22	zbzl	Weight without load	number	8	necessary	kg
23	ccrq	Production Date	date		necessary	"yyyy-mm-dd"

	qdxs	Drive form (drive shaft position)	varchar2	5	necessary	Combination string:for example:1234(1 corresponding Axle1..)
25	zczs	Parking Axle Quantity	number	1	not	Motorcycles do not have this parameter
26	zczw	Parking axle position	varchar2	5	not	Combination string:for example:1234(1 corresponding Axle1..)
27	zzs	Axle Quantity	number	1	not	
28	zzly	Brake method	char	1	not	0-pneumatic brake, 1-hydraulic brake, 2-pneumatic oil brake
29	qzdz	Headlamp system	varchar2	2	not	01- Four lights high and low beam, 02- Four lights high beam, 03- Two lights high and low beam, 04- Two lights low beam, 05- One light high beam
30	ygddtz	Individual adjustment of high beam	char	1	not	0- cannot be adjusted separately, 1- can be adjusted separately
31	zxzxjxs	Steering axle (front axle) suspension type	char	1	not	0-independent suspension, 1-non independent suspension
32	lcbds	Odometer reading	number	8	not	Unit:km
33	jyxm	Test Item	varchar2	100	necessary	Multi value,Separated by English half corner comma. The each item code is: B1- One shaft brake B2- Two shaft brake B3- Three shaft brake B4- Four shaft brake B5- Five shaft brake B0- Parking brake H1-Left outer beam H2-Left inner beam

						H3-Right inner beam H4-Right outer beam S1-Odometer A1-Sideslip X1-Chassis E1-Dual-speed idle E2-Free acceleration 　　opaque smoke method LA-Speaker sound level C2 chassis clearance gauge (prompt message displayed during PDA inspection of the chassis) When the query method is 0, it is "F1". When it is 1, it is a string of items that have not been tested yet. When it is 2, it is a string of items that have not been tested corresponding to the PDA scheduled vehicles
34	jylb	Inspection Type	varchar2	2	necessary	00- Registration inspection, 01- In use inspection (regular inspection), 02- Temporary inspection, 03- Special inspection, 04- In use inspection (non regular inspection)
35	bhgx	Unqualified items	varchar2	50	not	
36	dlsj	login time	date		necessary	"yyyy-mm-dd hh24:mi:ss"
37	jycs	Inspection Times	number	2	necessary	
38	dly	Registrar	varchar2	30	necessary	
39	ycy	Driver	varchar2	30	not	
40	wjy	Appearance inspector	varchar2	30	not	

	dtjyy	Dynamic inspector	varchar2	30	not	
42	dpjyy	Chassis inspector	varchar2	30	not	
43	clpp1	Vehicle Brand	varchar2	32	necessary	
44	clxh	Vehicle Model	varchar2	32	necessary	
45	syr	Vehicle Owner	varchar2	128	not	
46	cllx	Vehicle Type	varchar2	3	not	in-use vehicle necessary
47	cwkc	External Body Length	number	5	necessary	
48	cwkk	External Body Width	number	4	necessary	
49	cwkg	External Body Height	number	4	necessary	
50	clyt	Vehicle Use	char	2	not	For self-study driving vehicles, Write-in "J2"
51	ytsx	Use Property	char	1	not	
52	dlysfzh	Registrar ID card	varchar2	30	necessary	
53	ycysfzh	Driver ID card	varchar2	30	not	
54	wjysfzh	Appearance inspector ID card	varchar2	30	not	
55	dtjyysfzh	Dynamic inspector ID card	varchar2	30	not	
56	dpjyysfzh	Chassis inspector ID card	varchar2	30	not	
57	clsslb	Category of vehicle	varchar2	2	not	01- Conventional (automotive) 02- Full time four-wheel drive 03- Overweight 04- Extra wide 05- Drive anti slip 06- Dual rear axle drive 07- Trailer 08- Lamp position super high 09- Multi axle vehicle 10- Other special vehicles

						11- Regular (Motorcycle)
58	jcxlb	Testlane Type	char	1	not	1-Automotive,2-Motorcycle
59	sjr	Vehicle Sender	varchar2	30	not	
60	sjrsfzh	Vehicle Sender ID	varchar2	30	not	
61	qzs	Axle Quantity	number	1	not	Fill in the Axle Quantity quantity. If it is empty, it defaults to 1 (0 for trailers).
62	zws	Seat Quantity	number	3	necessary	
63	wgjyzp	Appearance inspection photos	varchar2			for example:0111,0112,......
64	zlzp	Information photos	varchar2			for example:0201,0202,......
65	wgjcxm	Appearance Test Item	varchar2			for example:01,02,......
66	dtdpjyxm	Chassis dynamics Test Item	varchar2			for example:41,42,......
67	dpjyxm	Chassis Test Item	varchar2			for example:45,46,......
68	xmzsjysj	At least inspection time for the project	varchar2		not	Unit:s format: F1:120,C1:60,DC:40
69	ltgg	Tire Size	varchar2	64		
70	fdjxh	Engine model	varchar2	64		
71	zxxs	Steering type	char	1		
72	hdzk	Passenger capacity	number	3		
73	gbthps	Number of steel plate springs	number	3		
74	zt	Motor vehicle status	varchar2	6		
75	pl	Displacement	number	6		
76	hdzzl	Approved Load	number	8		
77	zqyzl	Traction Mass	number	8		
78	hxnbcd	Internal length of the cargo box	number	5		
79	hxnbkd	Internal width of the cargo box	number	4		
80	hxnbgd	Internal height of the cargo box	number	4		
81	xszbh	Driver's license chip	varchar2	20		

		number			
82	qzbfqz	mandatory scrapping period	date		
83	ccs	number of strokes	number	4	

2.3.24 18Z16-Obtain appearance inspection photos

Port Type: Query

Port Tag:18Z16

Description: Obtain appearance inspection photos

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hphm	Plate Number	varchar2	15	not	
4	hpzl	Plate Type	varchar2	2	not	
5	zpzl	Photo type	varchar2	4	necessary	

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	zpzl	Photo type	varchar2	4	necessary	
2	zp	Photos	varchar2		necessary	String after base64 encoding

Found a photo and returned code=1, message="Data download successful!", query is empty code=0, message="There is no photo corresponding to this photo type!"

```xml
<?xml version="1.0" encoding="GBK"?>
<root>
    <head>
        <code>1</code>
        <message>Data download successful!</message>
    </head>
    <body>
        <vehispara>
```

           <zpzl>0111</zpzl>

           <zp>Base64 character</zp>

        </vehispara>

    </body>

 </root>

2.3.25   18Z80- Upload manual appearance inspection data

Port Type: Write-in

Port Tag:18Z80

Description: Write manual detection data

Processing process:PDA manual appearance inspection data writing

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hphm	Plate Number	varchar2	15	not	
4	hpzl	Plate Type	varchar2	2	not	
5	jycs	Inspection Times	number	2	necessary	
6	clsbdh	Vehicle ID Code	varchar2	25	not	
7	jyxm	Test Item	varchar2	2	not	F1
8	wgjcxmjg	Artificial appearance inspection project results	varchar2	4000	necessary	Can contain multiple child node labels wgjcxmjg, see instructions (1)
9	wgjcjyy	Appearance inspector	varchar2	30	not	
10	wgjcjyysfzh	Appearance inspector ID card	varchar2	30	not	

Explanation:

(1)Appearance Test Item Results

No.	Parameter	Name	Type	Length	Whether	Remark

					Necessary	
1	rgjyxmxh	Appearance Test Item Number	number	2	necessary	for example:1,2,3,......
2	rgjyxmzzb	Appearance Test Item Name	varchar2	256	necessary	
3	rgjyxmjg	Appearance Test Item Results	char	1	necessary	0- Not inspected, 1- Qualified, 2- Minor problem 3- Serious problem 4- Need to be scrapped (If it is greater than 2, it is considered unqualified, and the artificial appearance unqualified result value can be set through the data dictionary)
4	rgjyxmbhgly	Reason for failure of manual test items	varchar2	1024	not	

2.3.26 18Z18- Obtain instrument detection data

Port Type: Query

Port Tag:18Z18

Description: Obtain instrument detection data

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jyjgbh	Organization ID Code	varchar2	10	necessary	
3	hphm	Plate Number	varchar2	15	not	
4	hpzl	Plate Type	varchar2	2	not	
6	jycs	Inspection	number	2	necessary	

		Times			
7	jyxm	Test Item	varchar2	2	necessary

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

Refer to the data structure uploaded by 18C81.

2.3.27 18Z02-Obtain user fingerprint/facial image data

Port Type: Query

Port Tag:18Z02

Description: Obtain user fingerprint/facial image data

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	userId	User Id	int		necessary	
2	datatype	Authentication data type	Int		necessary	1-fingerprint 2-facial image 3-fingerprint and facial image

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
7	userId	User Id	int		necessary	
8	dataSet					fingerprint and facial image dataset

fingerprint and facial image

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
9	ftype	fingerprint and facial image type	Int		necessary	1-fingerprint 2-facial image
10	fid	fingerprint and facial image dataset Id	varchar	20	necessary	
11	fname	fingerprint and facial image name	varchar	50		

	fingerprint and facial image data	varchar	4000	necessary	
fdata					

2.3.28 18Z64-On-line Dispatching

Port Type: Write-in

Port Tag:18Z64

Description:to dispatch the registered inspection to the right testlane

WriteXmlDoc:node tag: vehispara,and the field is as below:

No.	Parameter	Name	Type	Length	Necessary or Not	Remark
1	jylsh	Serial Number	varchar2	17	necessary	It must be unique serial number in the same test organization
2	jcxdh	Testlane ID Code	varchar2	2	necessary	Such as:1,2,3,4,5,6,7,8,9,10,...
3	ycy	Driver	varchar2	30	necessary	
4	gwdh	Working-stage Code	varchar2	2	not	Just available for single work-stage

Returned Result :XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information).

Code value is as below:

Code Value	Description	Remark
1	Dispatched on line succeeded	
-1001	Dispatched on line failed	
-1002	Testline code can not be null	
-1003	The inspector can not be null	
-9999	Other error	Return the actual details
$E	System issue	Return the actual details

2.3.29 18Z65-Obtain information on vehicles waiting to be dispatched

Port Type: Query

Port Tag:18Z65

Description: Obtain information on vehicles waiting to be dispatched

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	hphm	Plate Number	varchar2	15	not	
3	jcxdh	Testlane ID Code	varchar2	2	not	When manually scheduling a single workstation, necessary
4	gwdh	Working-stage Code	varchar2	2	not	When manually scheduling a single workstation, necessary

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	For the same inspection agency, this inspection serial number must be unique, all similar
2	jyjgbh	Organization ID Code	varchar2	10	necessary	According to the registration information of the inspection agency, the same below
3	hpzl	Plate Type	varchar2	2	not	
4	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary.format:for example"BAA345"
5	clsbdh	Vehicle ID Code	varchar2	25	not	Fill in the complete VIN or chassis number
6	jycs	Inspection Times	number	2	necessary	
7	dlsj	login time	Date			

8						

2.3.30 18Z66-Obtain information on scheduled vehicles

Port Type: Query

Port Tag:18Z66

Description: Obtain information on scheduled vehicles

Processing process:

Query document QueryXmlDoc description: Node label QueryCondition, query condition data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jyjgbh	Organization ID Code	varchar2	10	necessary	
2	hphm	Plate Number	varchar2	15	not	
3	jcxdh	Testlane ID Code	varchar2	2	not	for example:1,2,3,4,5,6,7,8,9,10,...
4	gwdh	Working-stage Code	varchar2	2	not	When manually scheduling a single workstation,necessary

Return result document ResultXML description: Node label vehispara, query result data fields are shown in the table below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jylsh	Serial Number	varchar2	17	necessary	For the same inspection agency, this inspection serial number must be unique, all similar
2	jyjgbh	Organization ID Code	varchar2	10	necessary	According to the registration information of the inspection agency, the same below
3	hpzl	Plate Type	varchar2	2	not	
4	hphm	Plate Number	varchar2	15	not	in-use vehicle necessary.format:for example"BAA345"
5	clsbdh	Vehicle ID Code	varchar2	25	not	Fill in the complete VIN or

						chassis number
6	jycs	Inspection Times	number	2	necessary	
7	dlsj	login time	Date			
8	jcxdh	Testlane ID Code	varchar2	2	necessary	for example:1,2,3,4,5,6,7,8,9,10,...
9	gwdh	Working-stage Code	varchar2	2	not	When manually scheduling a single workstation, necessary
10	Ycy	Inspector	varchar2	30	necessary	

2.3.31 18Z68-Cancel the Dispatched Vehicle

Port Type: Write-in

Port Tag: 18Z68

Description: to cancel the dispatched vehicle

WriteXmlDoc:node tag: vehispara,

No.	Parameter	Name	Type	Length	Necessary or Not	Remark
1	jylsh	Serial Number	varchar2	17	necessary	
2	jcxdh	Testlane ID Code	varchar2	2	necessary	Such as:1,2,3,4,5,6,7,8,9,10,...
3	ycy	Inspector	varchar2	30	necessary	
4	gwdh	Working-stage Code	varchar2	2	not	

Returned Result :XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information).

Code value is as below:

Code Value	Description	Remark
1	Cancellation succeeded	
-1001	Cancellation failed	
-1002	Testlane code can not be null	
-1003	The inspector can not be null	
-9999	Other error	Return the actual details
$E	System issue	Return the actual

		details

2.3.32 18Z69-Sent GPS position coordinates

Port Type: Write-in

Port Tag:18Z69

Port Description: Send GPS position coordinates

WriteXmlDoc:Tag: vehispara,The write-in field is as below:

No.	Parameter	Name	Type	Length	Whether Necessary	Remark
1	jdzb	Longitude coordinates	varchar2	30	Necessary	
2	wdzb	Latitude coordinates	varchar2	30	Necessary	
3	jylsh	serial number	varchar2	17	Necessary	For the same inspection agency,this inspection serial number must be unique, all similar

Returned Result：XML file,code(1 means success;<=0 is failed,$E is system error),message(indicate the information),keystr(encrypted string).

Code is defined as below:

Code Value	Description	Remark
1	Successfully sent GPS position coordinates	
-1001	Sending GPS position coordinates failed	
-1002	Longitude coordinates cannot be empty	
-1003	Latitude coordinates cannot be empty	
-1004	The inspection serial number cannot be empty	
-9999	Other error	Return the actual details
$E	System Issue	Return the actual details

2.4 Dictionary

2.4.1 Vehicle Color

code	value
A	White
B	Gray
C	Yellow
D	Pink
E	Red
F	Purple
G	Green
H	Blue
I	Brown
J	Black

2.4.2 Test Kind

code	value
1	In-vehicle Inspection
2	Register Vehicle Inspection

2.4.3 Vehicle Type

code	value
M1	Small passenger car
M2	Medium passenger car
M3	Large passenger car
N1	Small Truck
N2	Medium-duty truck
N3	Large truck
O1	Mini trailer
O2	Small trailer
O3	Medium trailer
O4	Large trailer
L1	Light two-wheeled motorcycle
L2	Light three-wheeled motorcycle
L3	Two-wheeled motorcycle
L4	Three-wheeled side motorcycle
L5	Three-wheeled motorcycle

2.4.4 Fuel type

code	value
A	Gas
B	Diesel

C	Auto -LPG
D	CNG
E	Electric
F	Others

C	Auto -LPG
D	CNG