



VMACS

Communication Record Layout Definition

Version No. 2.2

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Project Document Revision History			
Version Number	Date	Revision Author	Description
1	10/08/2004	T. Guenther	First Version
1.1	22/09/2004	T. Guenther	Record layout for 67x series added
1.2	24/09/2004	T. Guenther	Record layout description for 617 amended
1.3	20/06/2008	Guido Caspers	Record layout comments for 612 (pos. 92-93) and 615 (pos. 86-88) amended
1.4	18/09/2008	Guido Caspers	Record Length for 632 (pos. 109-128) corrected
1.5	10/07/2009	Guido Caspers	Record Length for 615 (pos. 092-111) corrected
1.6	26/08/2012	Ian Lennox	Included new 615 (02) record for OMS/SOB Feed
1.7	03/10/2012	Caroline Apicella	Consolidated multiple copies of the document
1.8	23.01.2014	Caroline Apicella	Updates and corrections to reflect recent changes.
1.9	19/02/2015	Ian Lennox	Add new 615 (03) record for GVDS for ELAB and EUROVAC FMCSA projects
2.0	01/06/2015	Caroline Apicella	Updates and corrections to reflect recent changes
2.1	01/10/2015	Ian Lennox	Add Outbound fields Est Sail Date, Est Arr at Port Date and Direct Del Ind to 615-03
2.2	28/07/2017	Ian Lennox	Add New fields to 618-01 record for GT&T



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1 Introduction

This document describes the record layout definition used to broadcast information from VMACS to external Business partners and vice versa.

2 Advanced Carrier Information Record

2.1 Record Type 611; Header Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '611'
Version number	Char	2	004-005	= '01'
Business partner identification (RECLOC)	Char	5	006-010	
Not used	Char	4	011-014	Filler
Sending location	Char	5	015-019	= 'VMACS'
Not used	Char	4	020-023	Filler
Previous batch number	Char	5	024-028	Numeric
Current batch number	Char	5	029-033	Numeric, previous batch number + 1
Transmission date	Char	6	034-039	Format YYMMDD
Transmission time	Char	4	040-043	Format HHMM
Transmission date (Y2K)	Char	8	044-051	Format YYYYMMDD
Not used	Char	77	052-128	Filler

2.2 Record Type 612; Transaction Record 1

– All outbound records must have 612 and 613 pair

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '612'
Version number	Char	2	004-005	= '01'
Vehicle status	Char	2	006-007	2 character VMACS status e.g. 91 - Compound in 92 - Compound out 00/01 - Phase 1
Status date	Char	6	008-013	Format YYMMDD
Reserved	Char	1	014-014	Internal use



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Description	Type	Length	Position	Comments
Market code	Char	5	015-019	
Reserved	Char	4	020-023	Internal use
Order number	Char	5	024-028	Dealer order number
Reserved	Char	4	029-032	Internal use
World identifier	Char	6	033-038	First 6 chars of full 17 char VIN
Vehicle identification number	Char	11	039-049	VIN chars 7-17
Model description	Char	9	050-058	
Colour description	Char	8	059-066	
Option 1	Char	2	067-068	
Option 2	Char	2	069-070	
Option 3	Char	2	071-072	
Option 4	Char	2	073-074	
Version	Char	1	075-075	
Engine	Char	2	076-077	
Transmission	Char	1	078-078	
Reserved	Char	4	079-082	Internal use
Estimated Build Date for Schedule or Segmentation	Char	6	083-088	Format YYMMDD
Status	Char	3	089-091	
Invoice Type	Char	2	092-93	<p>Populated for 07 and 46 status as follows:</p> <p>07/311 = 'MA' 07/621 = 'HA' 07625 = 'HA' 46/851 = 'HA' 46/852 = 'HA' 46/853 = BLANK 46/854 = BLANK 46/855 = ? 46/856 = 'HA' 46/857 = 'HA'</p> <p>'HA' = Final invoice 'MA' = populated for bailment release (07/311) Blank when not final invoice</p>
Invoice value	Char	12	094-105	12 character string with implied decimal place between 10 and 11



Description	Type	Length	Position	Comments
				of the string Example 000003542825 = 0000035428.25
Invoice currency	char	3	106-108	= 'CNY' please confirm this value.
Invoice Number	Char	6	109-114	Invoice no for EU only – First 6 chars only. Full invoice number is now in Transport Number (613, pos 33)
Filler	Char	14	115-128	Space

2.3 Record Type 613; Transaction Record 2

– All outbound records must have 612 and 613 pair

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '613'
Version number	Char	2	004-005	= '01'
Location (Delivery place)	Char	9	006-014	
Dealer number	Char	5	015-019	
Plant Code	Char	2	020-021	Always populated on distribution
Model Code	Char	1	022-022	Always populated on distribution
Body Style Code	Char	1	023-023	Always populated on distribution
Destination Code	Char	3	024-026	European Destination Code
Status time	Char	4	027-030	Numeric, format HHMM
Transport type	Char	2	031-032	01 - Truck 02 - Rail 03 - Ship 04 - Air freight
Transport number	Char	25	033-057	Truck number, vessel name etc. VHC's use 033-040 for compound grid ref
Shift Ind	Char	1	058	Internal use



Description	Type	Length	Position	Comments
Reserved	Char	1	059	Internal use
Damage code	Char	4	060-063	
Estimated clearance date for a delay transaction	Char	6	064-069	Format YYMMDD
Delay code	Char	2	070-071	
Route code (CDM / GVDS)	Char	3	072-074	Sent from CDM / GVDS at shipped status only, whilst still at plant. (Sent in 632 record at 91/92 status)
Ship to address	Char	51	075-125	
Lot number	Char	3	126-128	

2.4 Record Type 614; Transaction Record 3 - (EOC data)

- Sent out for Advanced carriers only

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '614'
Version number	Char	2	004-005	= '01'
Orbit number	Num	9	006-014	Internal Ford key
Reserved	Char	8	015-022	Internal use
EOC	Char	80	023-102	
Reserved	Char	26	103-128	Internal use

2.5 Record Type 615 - 01; Transaction Record 4

- Sent out for Advanced carriers only

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '615'
Version number	Char	2	004-005	= '01'
Estimated delivery date	Char	8	006-013	Format YYYYMMDD
Retail sold indicator	Char	1	014-014	Y=Customer sold, N=not customer sold
Receiving dealer code	Char	5	015-019	Only filled if different to ordering dealer code
Rapid Spec code	Char	3	020-022	Destination code for routing to a



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Description	Type	Length	Position	Comments
				Body Builder/Rapid Spec centre
Exception code	Char	3	023-025	
Transaction date (Y2K)	Char	8	026-033	Format YYYYMMDD
Estimated clearance date (Y2K)	Char	8	034-041	Format YYYYMMDD
Port of exit code	Char	3	042-044	
ETA location	Char	9	045-053	If Vehicle Status not = '49'
FADS location	Char	9	045-053	If Vehicle Status = '49' and Status = '898'
THD location	Char	9	045-053	If Vehicle Status = '49' and Status = '897'
ETA location date	Char	8	054-061	Format YYYYMMDD; If Vehicle Status not = '49'
FADS location date	Char	8	054-061	Format YYYYMMDD; If Vehicle Status = '49' and Status = '898'
THD location date	Char	8	054-061	Format YYYYMMDD; If Vehicle Status = '49' and Status = '897'
Target Build Date	Char	8	062-069	Format YYYYMMDD
Target Gate Release Date	Char	8	070-077	Format YYYYMMDD
Target Delivery Date	Char	8	078-085	Format YYYYMMDD
Estimated Build Period	Char	3	086-088	Numeric Used for FADS: 1 if prod. day known 2,3,4 or 5 if prod. week known
VPC Destination Code	Char	3	089-091	VPC Destination Code indicating that vehicle should be moved to VPC Two Character Alpha/Numeric value with leading BLANK
Not used	Char	20	092-111	Filler 98 for 14 Engine number Sent to SVD with 04 status
Physical VIN	Char	17	112-128	Chassis VIN if different to documented VIN



2.6 Record Type 615 - 02; Transaction Record 4 – Part 2 (Optional for OMS/SOB – v08 row enabled)

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '615'
Version number	Char	2	004-005	= '02'
OMS Number	Char	10	006-015	Record key on OMS/SOB database
Feasibility Indicator	Char	1	016-016	Y=Feasible N=Infeasible U=Unconfirmed
NSC Order Number	Char	4	017-020	
Engine Number	Char	20	021-040	
Delay/Market Hold/Cancellation Description	Char	30	041-070	
ISO Port of Load Code	Char	5	071-075	2-char ISO code plus 3-char ISO code
Port of Load Name	Char	40	076-115	
Not used	Char	13	116-128	Filler

2.7 Record Type 615 - 03; Transaction Record 4 – Part 3 (Optional for GVDS – v08 row enabled)

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '615'
Version number	Char	2	004-005	= '03'
Destination Codes	Char	27	006-032	VMACS Destination codes. This field holds the 9 possible 3-character right-justified destination codes held by VMACS. If there are no 'interim' destinations then the first 8 occurrences will be blank. The 8 th occurrence will always be ELAB if the vehicle has been selected for testing. The 9 th occurrence will always hold the 'final' destination. If there are multiple 'interim' destination codes then they are stored in the sequence that they will be visited by the vehicle. The type of destination stored is as follows: 006-026 Buckets 1-7 Up to 7 BodyBuilders



Description	Type	Length	Position	Comments
			027-029 030-032	Bucket 8 ELAB Bucket 9 Final
ISO Port of Load Code	Char	5	033-037	2-char ISO code plus 3-char ISO code
ISO Port of Unload Code	Char	5	038-042	2-char ISO code plus 3-char ISO code
Estimated Sail Date	Char	10	043-052	New field that will be distributed on all records if available YYYY-MM-DD (Blank if not available)
Estimated Arrival at Port Date	Char	10	053-062	New field specifically received into VMACS on 93/846 transaction but will be distributed on all records if available YYYY-MM-DD (Blank if not available)
Direct Delivery Ind	Char	1	063-063	'0' not Direct Delivery '1' Direct Delivery Blank if not available
Not used	Char	65	064-128	Filler

2.8 Record Type 616; Transaction Record 6 (optional) not sent out currently, inbound only

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '616'
Version number	Char	2	004-005	= '01'
Message Code	Char	3	006-008	= 'USC'
Keystroke	Char	120	009-128	{Table Type (Char 1), Table Code (Char 2), Keystroke (Char 1)} – 30 Occurrences
Record type	Char	3	001-003	= '616'
Version number	Char	2	004-005	= '02'
Message Code	Char	3	006-008	= 'USC'
Keystroke	Char	120	009-128	{Table Type (Char 1), Table Code (Char 2), Keystroke (Char 1)} – 30 Occurrences



2.9 Record Type 617; Transaction Record 7 (optional)

This record is used to advise Business Partners of Data Errors via their Mail Box

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '617'
Version number	Char	2	004-005	= '01'
Report type	Char	8	006-013	
Report parameter	Char	8	014-021	
Sequence number	Char	4	022-025	
Report part	Num	4	026-029	
Line number	Num	7	030-036	
Report line	Char	80	037-116	
Filler	Char	12	117-128	not used

2.9.1 Record Type 617; Report line details

For the Business Partners receiving the Error Report by Fax, the 80 Char. Report line (Position 37-116) has been changed so that the error details will now include the error description and RECNO as shown below.

Description	Type	Length	Position	Comments
Datestat	Char	10	37-46	
Filler	Char	1	47-47	
Batchno	Char	5	48-52	
Filler	Char	1	53-53	
Deliveryplace	Char	9	54-62	
Filler	Char	2	63-64	
Vehstat	Char	2	65-66	
Filler	Char	1	67-67	
VIN	Char	11	68-78	
Filler	Char	1	79-79	
Error Code	Char	3	80-82	
Filler	Char	2	83-84	
Error Description	Char	24	85-108	
Filler	Char	1	109-109	
Error Record No	Char	7	110-116	7 digits



Description	Type	Length	Position	Comments
Filler	Char	1	117-128	not used

2.10 Record Type 618; Transaction Record 8 (Optional – for THD transmission to dCDM Printing Labels)

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '618'
Version number	Char	2	004-005	= '01'
Sequence Number	Num	4	006-009	Order of transactions in the label
Orbit Number	Num	9	010-018	
VIN	Char	17	019-035	
Carrier	Char	5	036-040	
Location	Char	9	041-049	
Target Handover Date (Status Date for GT&T)	Char	8	050-057	Format CCYYMMDD
Status Time	Char	4	058-061	GT&T only
Vehicle Status	Char	2	062-063	GT&T only
Routing Code	Char	3	064-066	GT&T only
Routing Type	Char	1	067-067	GT&T only
Transport Mode	Char	2	068-069	GT&T only
Freight Indicator	Char	1	070-070	GT&T only
Standard Leadtime Hours	Num	5	071-075	GT&T only
Standard Leadtime Mins	Num	2	076-077	GT&T only
Not used	Char	51	078-128	Filler

2.11 Record Type 619; Trailer Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '619'
Version number	Char	2	004-005	= '01'
Count of 611 records	Char	7	006-012	Numeric
Count of 612 records	Char	7	013-019	Numeric
Count of 613 records	Char	7	020-026	Numeric
Count of 614 records	Char	7	027-033	Numeric



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Description	Type	Length	Position	Comments
Count of 619 records	Char	7	034-040	Numeric
Count of 616 records	Char	7	041-047	Numeric
Count of 617 records	Char	7	048-054	Numeric
Count of 618 records	Char	7	055-061	Numeric
Count of 615 records	Char	7	062-068	Numeric
Not used	Char	60	069-128	Filler



3 Advanced Carrier Input Record

These records are used by Business Partners to advise Ford of vehicle movements and delays.

New batches of movement information will contain a header record for identification reasons and **pairs of transaction records (type 632 and 633)** and a trailer record with record counts.

For each movement or delay transaction there must be a '632'-record and a '633'-record.

3.1 Record Type 631; Header Record

Description	Type	Len	Position	VMACS field name	Comments	Mandatory/Optional
Record type	Char	3	001 - 003	REC-TYPE	= '631'	Mandatory
Version number	Char	2	004 - 005	VERSION-NO	= '01'	Mandatory
Receiving location	Char	5	006 - 010	RECEIVING-LOC	= 'VMACS'	Mandatory
Not used	Char	4	011 - 014		Filler	Mandatory
Carrier code. Identification code for VMACS.	Char	5	015 - 019	SENDING-LOC		Mandatory
Not used	Char	4	020 - 023		Filler	Mandatory
Previous batch number	Char	5	024 - 028	PREV-BATCH-NO	Numeric	Mandatory
Current batch number	Char	5	029 - 033	NEXT-BATCH-NO	Numeric, previous batch number + 1	Mandatory
Transmission date	Char	6	034 - 039	TX-DATE	Format YYMMDD	Mandatory
Transmission time	Char	4	040 - 043	TX-TIME	Format HHMM	Mandatory
Transmission date (Year 2000 compliant)	Char	8	044 - 051	TX-DATE-NEW	Format YYYYMMDD	Mandatory
Plain text information	Char	77	052 - 128	INFO	Carrier name, Software version number	Optional



3.2 Record Type 632

Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/O ptional
Record type	Char	3	001 - 003	REC-TYPE	= '632'	Mandatory
Version number	Char	2	004 - 005	VERSION-NO	= '01'	Mandatory
Transaction type 1 - Entry 2 - Exit 4 - Damage 5 - Delay 6 - Dealer Delivery	Char	1	006 - 006	TYPE-OF-MESSAGE		Mandatory
Location (Compound name)	Char	9	007 - 015	DELIVERY-PLACE	Must be known in VMACS	Mandatory
Not used	Char	9	016 - 024		Filler	
Date, when transaction happened	Char	6	025 - 030	STATUS-DATE	Numeric, format YYMMDD	Mandatory
Time, when transaction happened	Char	4	031 - 034	STATUS-TIME	Numeric, format HHMM	Mandatory
Chassis number	Char	17	035 - 051	VIN		Mandatory
Transportation type code 01 - Truck 02 - Rail 03 - Ship 04 - Air freight	Char	2	052 - 053	TRANSP-TYPE		Mandatory
Transport number - Wagon number, truck number, vessel name	Char	25	054 - 078	TRANSP-NO		Mandatory when TRANSP-TYPE = '02', '03', '04'
Not used	Char	2	079 - 080		Filler	Delivery Mode in Norway
Damage code	Char	4	081 - 084	DAMAGE-CODE		Optional
Estimated Clearance date for the delay condition	Char	6	085 - 090	DATECLEA	Numeric, format YYMMDD	Optional



Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/Optional
Delay code	Char	2	091 - 092	DELAYCODE	Code in list provided by European Logistics Department	Optional
Dealer number	Char	5	093 - 097	DEALER-NO		Optional
Local use in ESO markets	Char	6	098 - 099 100 - 103	NSC Order No.	'01'	Constant
Destination code	Char	2	104 - 105	DEST-CODE	NSC Comp.	Optional
Status code	Char	3	106 - 108	STATUS	3-digit status code. Needed to identify Delay / Delay Lifted	Mandatory for 95 transactions
Local use in ESO markets	Char	19	109 - 128 111 - 114 115 - 123 124 - 124	 Port of Exit & Vessel Code Customs Clearance Foreign Tyre Indicator		Optional Norway Norway & Finland Norway & Finland

3.3 Record Type 633

Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/Optional
Record type	Char	3	001 - 003	REC-TYPE	= '633'	Mandatory
Version number	Char	2	004 - 005	VERSION-NO	= '01'	Mandatory
Date, when transaction happened (Year 2000 compliant)	Char	8	006 - 013	STATUS-DATE-NEW	Numeric, format YYYYMMDD	Mandatory
Estimated	Char	8	014 - 021	DATECLEA-	Numeric, format	Optional



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Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/Optional
Clearance date for the delay condition				NEW	YYYYMMDD	
Exception Code (route code)	Char	3	022 - 024	EXCEPT-CODE	Used by GVDS to advise change of route code at 91/92 status – eg. at port or bodybuilder Code defined by European Logistics Department	Use of this field to be advised at a future date
Lot Number	Char	3	025 - 027	LOT-NO		Optional
Lot Size	Char	4	028 - 031	LOT-SIZE	Numeric	Optional
Error record number	Char	7	032 – 038	RECNO	Numeric	Optional
Carrier ETA	Char	8	039 - 46	CARR-ETA	Aus only	
Load port for vessel bookings	Char	5	47-51	LOAD-PORT	ISO country and UNLOCODE for port of Exit	Populate for 893 and 94/894 status
Destination port for vessel bookings	Char	5	52-56	UNLOAD-PORT	ISO country and UNLOCODE for port of Entry	Populate for 893 and 94/894 status
Final Compound indicator (before dlr delivery)	Char	1	57-58	LAST-COMP	Final Compound indicator for SA Final comp = 'Y'	Optional on 91/92 SA only
Not used	Char	90	059 - 128		Filler	

3.4 Record Type 639; Trailer Record

Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/Optional
Record type	Char	3	001 - 003	REC-TYPE	= '639'	Mandatory
Version number	Char	2	004 - 005	VERSION-NO	= '01'	Mandatory
Record count for record type 631	Char	7	006 - 012	COUNTER-631	Numeric	Mandatory



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Description	Type	Len	Pos	VMACS field name	Comments	Mandatory/Optional
Record count for record type 632	Char	7	013 - 019	COUNTER-632	Numeric	Mandatory
Record count for record type 639	Char	7	020 - 026	COUNTER-639	Numeric	Mandatory
Record count for record type 637	Char	7	027 - 033	Filler	Value '0000000'	Mandatory
Record count for record type 633	Char	7	034 - 040	COUNTER-633	Numeric	Mandatory
Not used	Char	88	041 - 128		Filler	



4 Monthly/Yearly Forecast Record

4.1 Record type 661; Header Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '661'
Version number	Char	2	004-005	= '01'
Business partner identification	Char	5	006-010	Receiving carrier code
Not used	Char	4	011-014	Filler
Sending location	Char	5	015-019	= 'VMACS'
Not used	Char	4	020-023	Filler
Previous batch number	Char	5	024-028	Numeric
Current batch number	Char	5	029-033	Numeric, previous batch number + 1
Transmission date	Char	8	034-041	Format CCYYMMDD
Transmission time	Char	4	042-045	Format HHMM
Not used	Char	77	046-128	Filler

4.2 Record type 662

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '662'
Version number	Char	2	004-005	= '01'
Report type	Char	1	006	'M' = Rolling 3-months forecast data 'Y' = 12-months forecast data
Market code	Char	2	007-008	
Plant location	Char	9	009-017	
Model code	Char	1	018	
Destination code	Char	3	019-021	
Year1	Char	4	022-025	
Month1	Char	2	026-027	
Volume1	Char	7	028-034	Numeric
Year2	Char	4	035-038	
Month2	Char	2	039-040	



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Description	Type	Length	Position	Comments
Volume2	Char	7	041-047	Numeric
Year3	Char	4	048-051	
Month3	Char	2	052-053	
Volume3	Char	7	054-060	Numeric
Year4	Char	4	061-064	
Month4	Char	2	065-066	
Volume4	Char	7	067-073	Numeric
Year5	Char	4	074-077	
Month5	Char	2	078-079	
Volume5	Char	7	080-086	Numeric
Year6	Char	4	087-090	
Month6	Char	2	091-092	
Volume6	Char	7	093-099	Numeric
Pay-to carrier code	Char	5	100-104	
Not used	Char	24	105-128	Filler

4.3 Record type 663

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '663'
Version number	Char	2	004-005	= '01'
Report type	Char	1	006	'Y' = 12-months forecast data
Market code	Char	2	007-008	
Plant location	Char	9	009-017	
Model code	Char	1	018	
Destination code	Char	3	019-021	
Year7	Char	4	022-025	
Month7	Char	2	026-027	
Volume7	Char	7	028-034	Numeric
Year8	Char	4	035-038	
Month8	Char	2	039-040	
Volume8	Char	7	041-047	Numeric
Year9	Char	4	048-051	
Month9	Char	2	052-053	



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Description	Type	Length	Position	Comments
Volume9	Char	7	054-060	Numeric
Year10	Char	4	061-064	
Month10	Char	2	065-066	
Volume10	Char	7	067-073	Numeric
Year11	Char	4	074-077	
Month11	Char	2	078-079	
Volume11	Char	7	080-086	Numeric
Year12	Char	4	087-090	
Month12	Char	2	091-092	
Volume12	Char	7	093-099	Numeric
Pay-to carrier code	Char	5	100-104	
Not used	Char	24	105-128	Filler

4.4 Record type 669; Trailer Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '669'
Version number	Char	2	004-005	= '01'
Count of 661 records	Char	7	006-012	Numeric
Count of 662 records	Char	7	013-019	Numeric
Count of 663 records	Char	7	020-026	Numeric
Count of 669 records	Char	7	027-033	Numeric
Not used	Char	60	034-128	Filler



5 Bodybuilder Forecast

5.1 Record type 671; Header Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '671'
Version number	Char	2	004-005	= '01'
Business partner identification	Char	5	006-010	Receiving carrier code
Not used	Char	4	011-014	Filler
Sending location	Char	5	015-019	= 'VMACS'
Not used	Char	4	020-023	Filler
Previous batch number	Char	5	024-028	Numeric
Current batch number	Char	5	029-033	Numeric, previous batch number + 1
Transmission date	Char	8	034-041	Format CCYYMMDD
Transmission time	Char	4	042-045	Format HHMM
Not used	Char	77	046-128	Filler

5.2 Record Type 672

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '672'
Version number	Char	2	004-005	= '01'
Vehicle Status	Char	2	006-007	
VIN	Char	17	008-044	
Date of Status	Char	6	045-050	
Segmentation	Char	6	051-056	
EOC	Char	80	057-136	
Not used	Char	12	138-149	Filler

5.3 Record Type 673

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '673'



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Description	Type	Length	Position	Comments
Version number	Char	2	004-005	= '01'
SVO	Char	120	006-125	
Not used	Char	12	126-128	Filler

5.4 Record type 679; Trailer Record

Description	Type	Length	Position	Comments
Record type	Char	3	001-003	= '669'
Version number	Char	2	004-005	= '01'
Count of 671 records	Char	7	006-012	Numeric
Count of 672 records	Char	7	013-019	Numeric
Count of 673 records	Char	7	020-026	Numeric
Count of 679 records	Char	7	027-033	Numeric
Not used	Char	60	034-128	Filler