VICTORIA POLICE
FIREARM DATA STANDARD

Firearm Template Registration
Version : 1.0
Updated on : 9 May 2011

Logical Model
(with Business Rules)

FIREARM DATA STANDARD
Endorsement as Victoria Police Standard

We, the undersigned,

endorse the FIREARM TEMPLATE REGISTRATION Model (Version 1.0 - Updated on 9 May 2011),

as an accurate

- *reflection of the collective input of*
  Licensing & Regulation - Business Information Support
  and
  Infrastructure & IT - Data Integration & Standards

AND

- *representation of the current Data Model to support the Firearm Template Registration function provided by the Licensing And Registration System (LARS).*

Business Area	*Endorsed By*	*Work Group Member*
Licensing & Regulation – Business Information Support	Malcolm Prentice On 11/5/2011	Dan Young Hung Nguyen
Infrastructure & IT – Data Integration & Standards	David Wyatt On 10/5/2011	Oscar Joseph Rose Lee Jose Loyola

FIREARM DATA STANDARD
Endorsement as Victoria Police Standard

We, the undersigned,

endorse the FIREARM TEMPLATE REGISTRATION Model (Version 1.0 - Updated on 9 May 2011)

as an accurate representation of our understanding of Victoria Police business requirements for a FIREARM DATA STANDARD within the Terms of Reference specified in this document.

Mike Todd Director, Information Management Standards & Security

on 16/5/11

Stephen Fontana AC, State Emergencies & Security

on 13/5/11

Kieran Walshe DC, Regional & Road Policing

on 18.5.11

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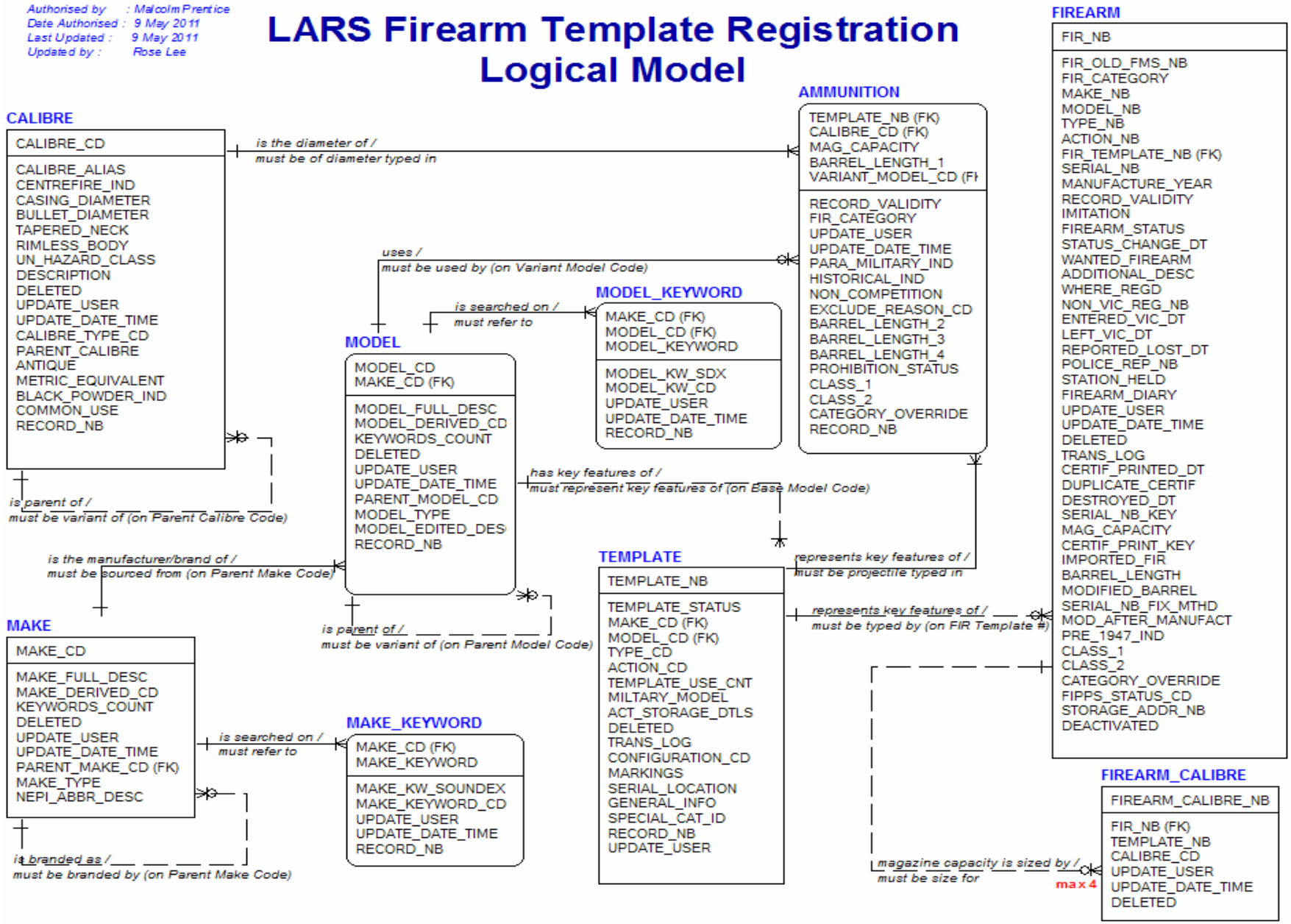
Authorised by : Malcolm Prentice
Date Authorised : 9 May 2011
Last Updated : 9 May 2011
Updated by : Rose Lee
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magazine capacity is sized by /
must be size for
max 4

Entity Name :	AMMUNITION
Synonym/Homonym/Old Name : Also known as "Template Calibres". The calibre of the ammunition that a firearm of the kind identified by the Template may use. Records with a status of 'invalid' represent the determined fact that this kind of firearm definitely does not have this calibre.	
(In Logical Sequence) Attribute(s) of "AMMUNITION" Entity	
Name :	**Definition :**
TEMPLATE_NB	A reference to the related Template record (via the Template's unique identifying number). A Template may have many Ammunition records collectively identifying many Calibre records for the Template.
CALIBRE_CD	A reference to the related Calibre record (via the Calibre's unique identifying number). Points to a Calibre record, which records details of a single instance of a known Calibre that this firearm template can use.
MAG_CAPACITY	The maximum capacity of the firearm being sought.
BARREL_LENGTH_1	Barrel length of the firearm that this ammunition can be used with.
VARIANT_MODEL_CD	A reference to 'point' to the related Model record of the variant. This ammunition can be used for firearms that use a variant template with this model code.
RECORD_VALIDITY	This gives the 'accuracy' of this record, identifying whether it has been specifically validated, added but not yet validated, etc. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 27.
FIR_CATEGORY	The category of firearm sought.
UPDATE_USER	The identifier of the last user who changed the record. Default = System variable *User_ID.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
PARA_MILITARY_IND	Indicates that the handgun that uses this ammunition is for exclusive use of the military.
HISTORICAL_IND	Indicates that the handgun that uses this ammunition is for historical use.
NON_COMPETITION	TIndicates that the handgun that uses this ammunition is not for competition use. If selected the attribute Exluded_Reason_CD must be entered.
EXCLUDE_REASON_CD	The reason why the firearm cannot be used in competitions. This attribute is dependent on Non_Competition.
BARREL_LENGTH_2	The second variation to Barrel length of the firearm that this ammunition can be used with.
BARREL_LENGTH_3	The third variation to Barrel length of the firearm that this ammunition can be used with.
BARREL_LENGTH_4	The fourth variation to Barrel length of the firearm that this ammunition can be used with.
PROHIBITION_STATUS	Flags the firearm using this ammunition as being prohibited.
CLASS_1	A code that defines the class of event (competition) that the firearm using this ammunition can compete in. Implemented as Datatype = Varchar(8).
CLASS_2	A code that defines the class of event (competition) that the firearm using this ammunition can compete in. Implemented as Datatype = Varchar(8).
CATEGORY_OVERRIDE	This is an explicit value that overrides the firearm category that is calculated by the standard LARS formula. It is used where the standard formula would not produce the correct result.
RECORD_NB	A sequential number, used to create an artificial row number.

Entity Name :	CALIBRE
A classification of a piece of ammunition primarily determined by its diameter but often including a length or power factor. The ammunition referred to here is used in the real world sense rather than a reference to the 'Ammunition' data entity described elsewhere in these data definitions. Though this entity is named 'Calibre' it corresponds more closely to a type of ammunition, of which calibre is a key characteristic. There may be several different kinds of ammunition having the same 'calibre', ie. the same value for their calibre characteristic.	
(In Logical Sequence) Attribute(s) of "CALIBRE" Entity	
Name :	**Definition :**
CALIBRE_CD	The name of the calibre as used by the firearms industry. It generally contains size, and often type, of ammunition capable of being used by the firearm, for example ".22Hornet".

	Closely related to the size of the bore (inner diameter) of the firearm's barrel(s), but also represents the length and/or shape of the ammunition cartridge.
CALIBRE_ALIAS	An alternative name; generally by using alternative units (ie. Metric vs Imperial).
CENTREFIRE_IND	This indicates whether this kind of ammunition is rimfire (R) or centrefire (C).
CASING_DIAMETER	This identifies the diameter of the ammunition casing, but may not necessarily be the actual physical measurement.
BULLET_DIAMETER	This identifies the diameter of the bullet. This may be different to the casing diameter and may not necessarily be the actual physical measurement of the bullet.
TAPERED_NECK	This indicates whether the ammunition round has a tapered neck.
RIMLESS_BODY	This indicates whether the ammunition round has a rimless body.
UN_HAZARD_CLASS	This is the classification given by the United Nations, or any other international standard classification.
DESCRIPTION	This is a textual description of this calibre's characteristics.
DELETED	Record Deleted Indicator
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
CALIBRE_TYPE_CD	A classification of this record as regards to whether it is : - a 'base' or fundamental calibre or - a 'variant' or variation of a base calibre. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 74.
PARENT_CALIBRE	For variant records (see Calibre_Type_CD), this identifies the base calibre of which this one is a variant.
ANTIQUE	This indicates that ammunition of this calibre is not currently commercially available in Australia. This may change over time as production may be recommenced at any time.
METRIC_EQUIVALENT	Metric Size of the Calibre
BLACK_POWDER_IND	This indicates whether black powder, a form of gunpowder receiving special treatment under the Handgun Reform Act, is used for the calibre. Possible values are : - always - never - may be.
COMMON_USE	This item indicates the firearm type that this calibre is commonly used for. The picklist values are : - Auto - Handgun - Rifle - Rifle/Handgun - Rifle/Shotgun - Shotgun.
RECORD_NB	A sequential number, used to create an artificial row number.

Business Rule(s) of "CALIBRE" Entity

Operational Rule :	Parent to Child Rule :	Child to Parent Rule :
AMMUNITION must conform to exactly one CALIBRE.	A CALIBRE is the diameter of at least one AMMUNITION.	An AMMUNITION must be of diameter typed in exactly one CALIBRE.
A 'Base' CALIBRE may clone zero, one or more 'Variant' CALIBREs.	A CALIBRE is parent of zero, one or more CALIBREs.	A CALIBRE must be variant of (on Parent Calibre Code) exactly one CALIBRE.

Entity Name :	FIREARM

A device capable of discharging a projectile from a tube (barrel) driven by the explosive force of gunpowder ignited in an otherwise closed chamber.

(In Logical Sequence) Attribute(s) of "FIREARM" Entity

Name :	Definition :
FIR_NB	The unique identifying number of the Firearm record. This is the system record key allocated by LARS and carries no embedded meaning. It forms the unique registration number for each firearm in Victoria, though the fact that a number has been allocated to a firearm does not necessarily mean the firearm is in a 'Registered' status.
FIR_OLD_FMS_NB	The unique reference for this firearm, as held in the Firearms Management System (FMS). FMS was the name of the previous firearm registry, which was replaced by FLARS (Firearms Licensing

	And Registration System). In mid 2001, FLARS was renamed as LARS in anticipation of the inclusion of the Private Agents Registration System (PARS). By Sept 2003, LARS was enhanced to include the functions of PARS - in alignment with the new Private Security Industry Bill.
FIR_CATEGORY	A classification of the firearm, broadly according to capability, used in the Act to associate the relevant controls, conditions, restrictions, etc. to be applied. Category is determined from set out combination of Firearm Type, Action and Capacity. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 19.
MAKE_NB	A reference to the 'Make' of the firearm.
MODEL_NB	A reference to 'point' to the related Model record.
TYPE_NB	The type of firearm according to a general classification scheme based on broad lines of capability. This is an essential component of the categorisation of firearms under the Act, which determines the elements of the legislation and regulations that apply. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 39.
ACTION_NB	The classification of the mechanism used by the firearm for loading / chambering and firing the ammunition. The mechanisms used affect the rapidity of firing and is an essential component of the categorisation of firearms under the Act, which determines the elements of the legislation and regulations that apply. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 40.
FIR_TEMPLATE_NB	A reference to a template record that validates the firearm's combination of Make, Model, Type, Action and Calibre(s).
SERIAL_NB	A maker's unique identifying number for a firearm of a given model. It is recorded 'as imprinted'. Note: Some pre-1900 firearms have no serial numbers, and some replicas also 'replicate' a single serial number many times.
MANUFACTURE_YEAR	The year the firearm was manufactured.
RECORD_VALIDITY	This gives the 'accuracy' of this record, identifying whether it has been specifically validated, added but not yet validated, etc. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 27.
IMITATION	This indicates whether the firearm is an imitation. The new Act requires imitations to be registered.
FIREARM_STATUS	The firearm state of being. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 24.
STATUS_CHANGE_DT	Date that the current status was set.
WANTED_FIREARM	This is used to flag that someone has an 'interest' in this firearm and alerts anyone browsing the system to this fact.
ADDITIONAL_DESC	A reference to any additional description of the firearm, for example engravings, colour, finish, identifying marks etc. The information is held in a common LARS 'Text Table' and this attribute itself only holds a reference to the relevant text entry in that table.
WHERE_REGD	In which State (of Australia) or the country if not Australia in which the firearm is registered.
NON_VIC_REG_NB	This is an external (non-Victorian) Registration number if the firearm is registered out of Victoria.
ENTERED_VIC_DT	This is either date of manufacture or date when first brought into Victoria from interstate or overseas. It is basically the date when all 'new' firearms enter the system.
LEFT_VIC_DT	The date the Registry was notified of the permanent removal of the firearm from Victoria.
REPORTED_LOST_DT	The date when the firearm was reported lost, stolen or missing, etc. It is basically when the police report was done.
POLICE_REP_NB	The number of the police report in which it was reported stolen, etc.
STATION_HELD	This identifies the Police Station where a "seized" or "surrendered" firearm is (to be) held This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 38.
FIREARM_DIARY	A reference to a chronological record of additional 'free text' commentary or history regarding the Firearm. Certain 'history notes' are recorded automatically by the LARS system. The information is held in a common LARS 'Text Table' and this attribute itself only holds a reference to

	the relevant text entry in that table.
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
DELETED	Record Deleted Indicator
TRANS_LOG	Synonym/Homonym/Old Name : Also known as "Transaction Log Number". A reference to the transaction actions that have been applied to the related entity. A Transaction Log reference that 'points' to the transaction log records which should show the method parameter (as a text item).
CERTIF_PRINTED_DT	The date when a certificate was last printed for this firearm.
DUPLICATE_CERTIF	This indicates whether a certificate has been printed for this firearm before.
DESTROYED_DT	The date the firearm was destroyed by FRAC (Firearm Reform and Compensation - the 'Buy-Back').
SERIAL_NB_KEY	The serial number of the firearm, with all special characters removed. This field is used for search purposes.
MAG_CAPACITY	This is how many rounds the firearm can hold or fire without requiring reloading. For firearms with magazines, this excludes having a round chambered to deliberately add an additional round to that held by a full magazine.
CERTIF_PRINT_KEY	Synonym/Homonym/Old Name Certificate Audit Image. This contains the exact key for the firearm details previously printed on the last certificate. LARS currently records the following compressed data in the Certif_Print_Key column when printing firearm certificates: Model, Type, Action, Calibre, Serial nb, Magazine capacity and Licence nb If the above data in the Firearm table is changed, ie. if it's different to the one currently recorded in CERTIF_PRINT_KEY column when the firearm certificate is printed then the system: 1) set the column Duplicate_Certif = 'N' otherwise set to 'Y' 2) update CERTIF_PRINT_KEY with the changed one (compressed data of Model, Type, Action, Calibre, Serial nb, Magazine capacity and Licence nb)
IMPORTED_FIR	Indicator that the Firearm has been imported from overseas.
BARREL_LENGTH	Barrel length of the firearm.
MODIFIED_BARREL	Modified barrel length of a specific firearm, ie instead of one of barrel lengths defined for the ammunition calibre selected from the template
SERIAL_NB_FIX_MTHD	Code Table that explains the method used to affix the serial number into the firearm. (collectors) (Code Table 125 - Serial Number Fixing Method).
MOD_AFTER_MANUFACT	Modification after Manufacture is a flag that identifies the firearm as being modified after manufacture.
PRE_1947_IND	Pre-1947 produced Firearm Flag to indicate that the firearm was produced before 1947.
CLASS_1	A code that defines the class of event (competition) that the firearm using this ammunition can compete in. Implemented as Datatype = Varchar(8).
CLASS_2	A code that defines the class of event (competition) that the firearm using this ammunition can compete in. Implemented as Datatype = Varchar(8).
CATEGORY_OVERRIDE	This item is no longer used. (Source: Hung at the meeting of 20/4/11) It has been replaced by a process to define a 'new' Firearm Template when there is a new combination of 'Variant' firearm characteristics. Such a 'new' Template is flagged by an appropriate value in the attribute TEMPLATE:Special_Cat_ID.
FIPPS_STATUS_CD	Firearms In Police Possession System (FIPPS) describes how the station came into possession of a firearm (ie. seized, surrendered).
STORAGE_ADDR_NB	This refers to the address where the firearm is located.
DEACTIVATED	This item is a logical indicator to identify whether a fireamr is or has been removed from use. In 'real world' terms, this translates to the firearm being rendered inoperable. As an example - all firearms, when attached to heirloom licence holders, are made inoperable.

Business Rule(s) of "FIREARM" Entity		
Operational Rule :	**Parent to Child Rule :**	**Child to Parent Rule :**
A FIREARM may use zero, one or upto four FIREARM CALIBRES. As an example, an 'imitation' firearm has no associated firearm calibre.	A FIREARM magazine capacity is sized by zero, one or more	A FIREARM_CALIBRE must be size for exactly one FIREARM.

	FIREARM_CALIBREs.	

Entity Name :	**FIREARM_CALIBRE**
The size, and often type, of ammunition capable of being used by the firearm. Closely related to the size of the bore (inner diameter) of the firearm's barrel(s) but also represents the length and/or shape of the ammunition cartridge.	
(In Logical Sequence) Attribute(s) of "FIREARM_CALIBRE" Entity	
Name :	**Definition :**
FIREARM_CALIBRE_NB	A sequence number that is used explicitly as a surrogate key.
FIR_NB	The unique identifying number of the Firearm record. This is the system record key allocated by LARS and carries no embedded meaning. It forms the unique registration number for each firearm in Victoria, though the fact that a number has been allocated to a firearm does not necessarily mean the firearm is in a 'Registered' status.
TEMPLATE_NB	A reference to a 'validation' template record that validates the firearm's calibres (among other factors).
CALIBRE_CD	A reference which 'points' to a Calibre record (via the Calibre's unique identifying number), which represents a single instance of a known Calibre that this firearm template can use.
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
DELETED	Record Deleted Indicator

Entity Name :	**MAKE**
A manufacturing source of firearms. Typically the name of the maker of the firearm. However, the actual manufacture of the firearm may be done by another organisation, under licence for example. If this is the case, the Make is the original maker or designer / developer. Make may be a 'Brand', which is a marketing 'badge' name used by the maker, to group its portfolio of firearms produced for some commercial reason.	
(In Logical Sequence) Attribute(s) of "MAKE" Entity	
Name :	**Definition :**
MAKE_CD	Unique number that identifies this Make description.
MAKE_FULL_DESC	This is the fullest possible name that can be used to describe the 'Make' - for example, "Kleinguenther Distinctive Firearms Inc.". All possible initials are expanded fully where appropriate or known. Formatted in mixed case, since this is for display only.
MAKE_DERIVED_CD	This identifies how this Make entry was derived. For example : C = Converted record, V = Validated U = Unconfirmed, etc. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 27.
KEYWORDS_COUNT	This is a count of how many keywords there are in the Make description. It is kept in step with the number of keywords present in the system.
DELETED	Record Deleted Indicator
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
PARENT_MAKE_CD	For all non-base makes, this identifies the relevant Base Make record.
MAKE_TYPE	This identifies whether the Make is a base, brand, alias or misspelling. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 57.
NEPI_ABBR_DESC	The manufacturer / make code as defined in NEPI tables.

Business Rule(s) of "MAKE" Entity		
Operational Rule :	**Parent to Child Rule :**	**Child to Parent Rule :**
The 'Base' MAKE is the manufacturer of one or more 'Base' MODELS. Note : the relationship is between 'Base' entities only (not 'Variants') .	A MAKE is the manufacturer/brand of at least one MODEL.	A MODEL must be sourced from (on Parent Make Code) exactly one MAKE.

A MAKE is searched on one or more MAKE KEYWORDS.	A MAKE is searched on at least one MAKE_KEYWORD.	A MAKE_KEYWORD must refer to exactly one MAKE.
A MAKE is branded as zero, one or more MAKES.	A MAKE is branded as zero, one or more MAKEs.	A MAKE must be branded by (on Parent Make Code) exactly one MAKE.

Entity Name :	**MAKE_KEYWORD**
A significant word from the Make name used to expedite database searching. Trivial words, such as "and", "PTY", "Co." are excluded. This is not a 'real world' entity being only a system mechanism allowing random searching of Makes where only partial knowledge of the target Make name is known.	
(In Logical Sequence) Attribute(s) of "MAKE_KEYWORD" Entity	
Name :	**Definition :**
MAKE_CD	Unique number that identifies this Make description.
MAKE_KEYWORD	A single unique keyword for this manufacturer eg. "KLEINGUENTHER". It may be as small as one character.
MAKE_KW_SOUNDEX	A phonetic representation of the keyword, determined by a Soundex algorithm, used to enable 'like sounding' database searching.
MAKE_KEYWORD_CD	Make Keyword Code This classifies the type of keyword, for example Normal, Misspelling, Alias. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 25.
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
RECORD_NB	A sequential number, used to create an artificial row number.

Entity Name :	**MODEL**
A kind of firearm, generally made by one maker, of a certain (more or less) standard set of features and capabilities, though minor 'non-fundamental' variations may be made. Can be thought of as an 'item in the product catalogue' of the maker. Generally a maker would have made multiple instances of a model. Model is a key-defining characteristic of a firearm.	
(In Logical Sequence) Attribute(s) of "MODEL" Entity	
Name :	**Definition :**
MODEL_CD	A unique (system-generated) number that identifies this Model. It represents a manufacturer's means of model differentiation.
MAKE_CD	Unique number that identifies this Make description.
MODEL_FULL_DESC	The full descriptive name of the Model. This contains a unique data value, and is achieved by code.
MODEL_DERIVED_CD	This identifies how this Model entry was derived. For example : C = Converted record, V = Validated U = Unconfirmed. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 27.
KEYWORDS_COUNT	This is the number of keywords in the Model Description and is kept in step with the number of keywords present in the system.
DELETED	Record Deleted Indicator
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
PARENT_MODEL_CD	If this model is a variant, this is a reference to the base model.
MODEL_TYPE	This identifies whether this model is a Base (B), or Variant (V). This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 51.
MODEL_EDITED_DESC	This is a compressed model description without embedded spaces or special characters used to enhance

	database searching performance. This contains a unique data value.
RECORD_NB	A sequential number, used to create an artificial row number.

Business Rule(s) of "MODEL" Entity		
Operational Rule :	**Parent to Child Rule :**	**Child to Parent Rule :**
A MODEL is searched on one or more MODEL KEYWORDS.	A MODEL is searched on at least one MODEL_KEYWORD.	A MODEL_KEYWORD must refer to exactly one MODEL.
A TEMPLATE represents the key characteristics of only ONE 'Base' MODEL.	A MODEL has key features of at least one TEMPLATE.	A TEMPLATE must represent key features of (on Base Model Code) exactly one MODEL.
A 'Variant' MODEL is cloned from only ONE 'Base' MODEL.	A MODEL is parent of zero, one or more MODELs.	A MODEL must be variant of (on Parent Model Code) exactly one MODEL.
This relationship is used in the selection of AMMUNITION to be used for a Variant MODEL. Based on AMMUNITION:Variant_Model_CD, the AMMUNITION is selected for use with the specificied MODEL.	A MODEL uses zero, one or more AMMUNITIONs.	An AMMUNITION must be used by (on Variant Model Code) exactly one MODEL.

Entity Name :	**MODEL_KEYWORD**
A significant word from the Model name used to expedite database searching. Trivial words, such as "the" are excluded. This is not a 'real world' entity, being only a system mechanism to allow random searching of Models where only partial knowledge of the target Model name is known.	
(In Logical Sequence) Attribute(s) of "MODEL_KEYWORD" Entity	
Name :	**Definition :**
MAKE_CD	Unique number that identifies this Make description.
MODEL_CD	A reference that 'points' to the Model record that this keyword belongs to.
MODEL_KEYWORD	A single unique keyword for this Model, for example "TOURNAMENT". It may even be a single character.
MODEL_KW_SDX	Model Key Word Soundex is a phonetic representation of the keyword, determined by a Soundex algorithm, used to enable 'like sounding' database searching.
MODEL_KW_CD	Model Keyword Code classifies the type of keyword, for example Normal, Misspelling, Alias. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 25.
UPDATE_USER	The identifier of the last user to change the record.
UPDATE_DATE_TIME	The date and time, to the nearest tenth of a second, that this database record was last modified. Default = The system variable *DATN(N8)+*TIMN(N7) are concatenated as an ALPHA and updated whenever the record is changed.
RECORD_NB	A sequential number, used to create an artificial row number.

Entity Name :	**TEMPLATE**
Represents a known kind of firearm and describes its key characteristics and capabilities that are of interest to the Registry. It also provides feature information to enhance the effective identification of firearm instances.	
(In Logical Sequence) Attribute(s) of "TEMPLATE" Entity	
Name :	**Definition :**
TEMPLATE_NB	Template Number The unique identifying number of the Template that is the system record key allocated by LARS. It is formed initially by concatenating : - the four digit Make code of the template's make - the five digit Model code of the template's model - the two character Type code and - the two character Action code. Any subsequent change to any of the template's Make, Model, Type or Action does not result in any change to the Template Number, so the number should not be used to derive the current value of any of the four constituent components.
TEMPLATE_STATUS	The status of the Template. Values are : - Converted (from the old system, FMS) - Confirmed

	- Invalid - Stocktake match but not updated - Temporary (Operator added record) - Unvalidated - Validated.
MAKE_CD	Unique number that identifies this Make description.
MODEL_CD	A reference that 'points' to the related Model record.
TYPE_CD	The type of this firearm according to a general classification scheme based on broad lines of capability. This is an essential component of the categorisation of firearms under the Act, which determines the elements of the legislation and regulations that apply. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 39.
ACTION_CD	The classification of the mechanism used by firearms of this kind for loading / chambering and firing the ammunition. The mechanisms used affect the rapidity of firing and is an essential component of the categorisation of firearms under the Act, which determines the elements of the legislation and regulations that apply. This information is recorded in coded form. Valid code values and their corresponding texts are given in code table number 40.
TEMPLATE_USE_CNT	The approximate count of occurrences of this Template in the Firearms table. This is not updated by application but by batch housekeeping jobs. This item was last changed on March 21, 1997.
MILTARY_MODEL	This indicates if firearms of this kind were ever used as military weapons.
ACT_STORAGE_DTLS	Synonym/Homonym/Old Name : Also known as "Act Storage Requirements". The storage requirements prescribed in the Act for this kind of firearm, in coded form; based upon firearm category.
DELETED	Record Deleted Indicator
TRANS_LOG	A reference to the transaction actions that have been applied to the related entity. A Transaction Log reference that 'points' to the transaction log records which should show the method parameter (as text item).
CONFIGURATION_CD	This identifies the configuration of the firearms, used primarily for multiple barrel firearms. For example under/over, side-by-side.
MARKINGS	A number that points to text lines records. These records would have a description of the engravings, stamps and markings that the firearm belonging to the template would have.
SERIAL_LOCATION	This describes where to look to find the serial number on this kind of firearm.
GENERAL_INFO	General Information Code is a reference to a chronological record of additional 'free text' commentary regarding broader firearm classifications.
SPECIAL_CAT_ID	Special Category Identification is an specific firearm category defined for a template.
RECORD_NB	A sequential number, used to create an artificial row number.
UPDATE_USER	The identifier of the last user to change the record.

Business Rule(s) of "TEMPLATE" Entity

Operational Rule :	Parent to Child Rule :	Child to Parent Rule :
AMMUNITION must conform to only ONE TEMPLATE.	A TEMPLATE represents key features of at least one AMMUNITION.	An AMMUNITION must be projectile typed in exactly one TEMPLATE.
A TEMPLATE is used to identify zero, one or more FIREARM instances. But a FIREARM instance cannot exist without a TEMPLATE, and must be associated with only ONE TEMPLATE.	A TEMPLATE represents key features of zero, one or more FIREARMs.	A FIREARM must be typed by (on FIR Template #) exactly one TEMPLATE.