
	Software Subsystem Design Description Common Diagnosis		SDD	
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1 Context

This Document is a representation of analysis, planning, implementation and decision-making. It consists of design information for the subsystem <Common Diagnosis>. One of its major goals is to support reuse of the described subsystem.

Like all Common Components in ABB BUI the Common Diagnosis Subsystem needs to be configured for usage in a particular device. Although this design description is for the Common Diagnosis Subsystem in general and not for one product in particular, it provides several examples how the subsystem is used in one product (the ABB EMF meter). This has the advantage that it is easier for other product developers to understand how they can use this subsystem most efficiently.

The Common Diagnosis Subsystem is part of the Common Diagnosis Component as described in [1] (chapter 1 and 2). This Subsystem includes a:

- Common Diagnosis Software Kernel – Software running on field devices and providing key functionalities like gathering alarm information from subsystems, creating a device status, and simulating and masking alarm information. This is provided as source code and will be compiled and linked together with the generate files from the code generator for a particular device.
- A guideline explaining how to manage the alarms and how to map the NAMUR representation used into the diagnosis subsystem into the communication subsystem (i.e. Communication Protocol, HMI, etc).
- Code Generator – Software running on a PC, which uses information provided via the Configuration Tool to generate additional source code files.


The document is divided into two main parts. First there is the data sheet in chapter Data Sheet. This chapter provides a first overview for developers that want to reuse the subsystem. Therefore it lists important issues from a black-box view. The Detailed Description describes the design in more detail. This is the right place to look for developers that have to maintain or expand the subsystem, but also for those wanting to configure the subsystem for their product.

Besides this document there are a couple of other documents that describe the requirements, test cases and the complete system the subsystem is used in. Links to those documents can be found at the end of the data sheet.

2 Data Sheet

This chapter gives an overview about all important facts of the subsystem. It can be used by a developer who would like to reuse this subsystem.

Category	Item	Description
Development	Version / Status	Under construction
	Known Bugs	
	Planned Improvements	
HW-Platform	Type	<i>Renesas M16C</i>
	Clocking	<i>e.g. 2 MHz</i>
SW-Development	Compiler	IAR System C compiler version > 2.0x (ANSI C)

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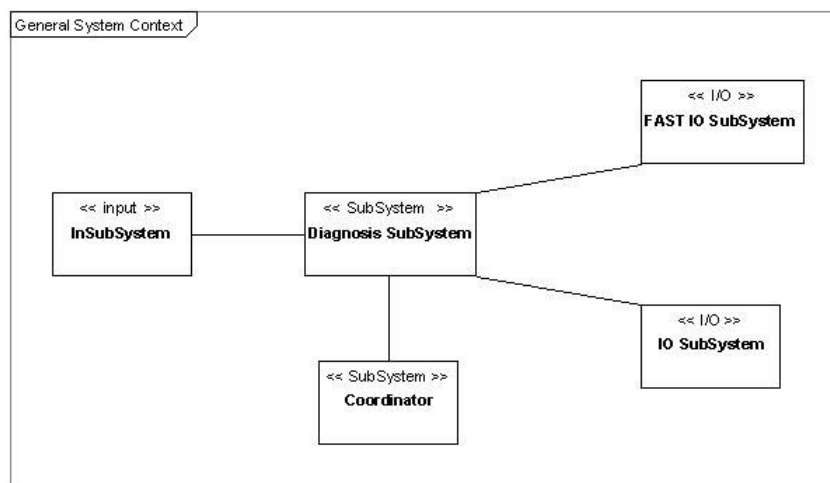
Environment	Operating System	Segger embOS version 3.20d
	Case / Code-Generation Tool	Gentleware Poseidon
Required Resources	Operating System	Semaphores
	HW	none
	RAM	
	NVRAM	
	ROM	
	Execution Time	
	Special HW	None
	Subsystems	ARM – Access Rights Management
Standards	Safety	DIN 61508 SIL 2
	Other	Namur NE 107
Documentation	Requirements / Use Cases	Requirement Specification Common Diagnosis Sub-System, Rev 0.4
	Public Interface Description	
	Test Specification	

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3 Detailed Description

3.1 Static Modelling

The main scope of the diagnostic subsystem is to collect alarms from the subsystems that compose a device, to merge them and to drive the device behaviour.




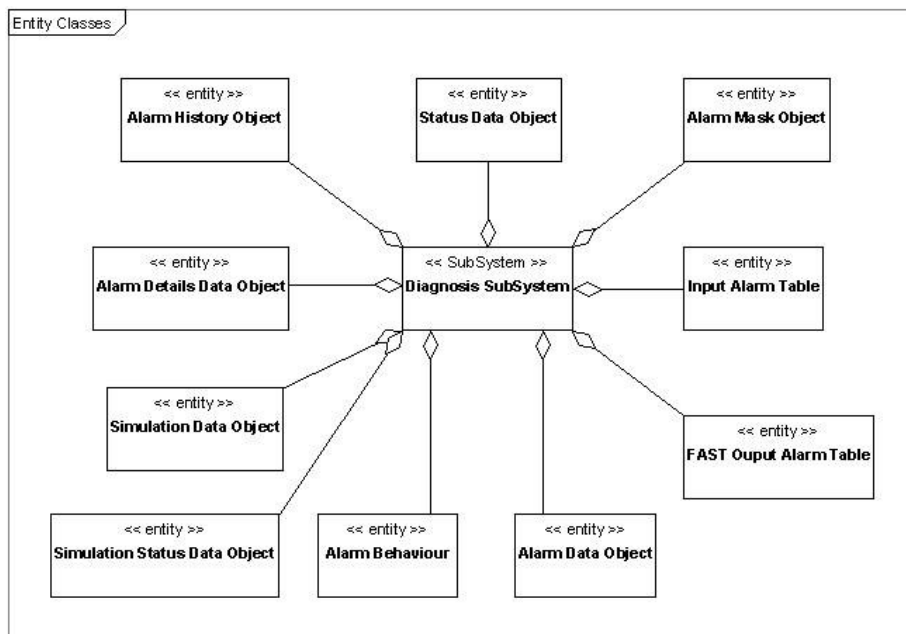
The subsystems that compose a device, from the diagnostic subsystem point of view, can be divided into two categories:

- Input Subsystems, they provide alarms as input to the diagnostic subsystem (i.e. Measure Subsystem, NovRAM Subsystem, Totalizer, etc.).
- I/O Subsystems, they provide inputs and a channel to communicate the status of the device to the outer world (i.e. HMI Subsystem, HART/FF/PA subsystem, Current Out Subsystem, etc.).

The I/O subsystems can be divided into two different classes, on the basis of the reaction time they shall have:

- A FAST response subsystem, the status of the output signal has to change before the process value is given to the user interfaces (i.e. Current out Subsystem, Digital out Subsystem, etc.).
- A SLOW response subsystem (i.e. HMI).

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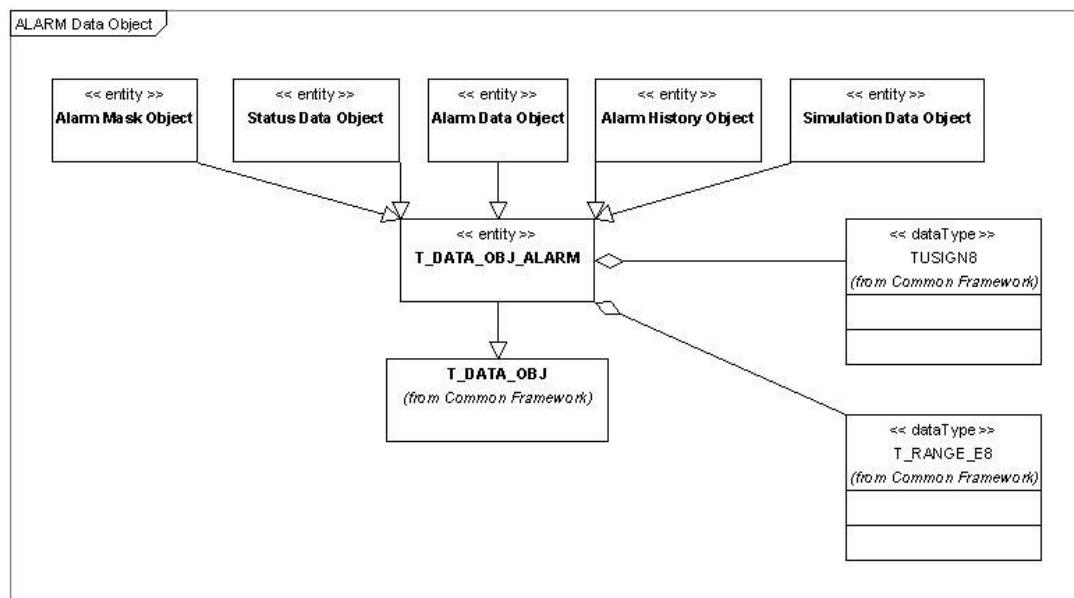
The data structures the diagnostic subsystem shall provide to satisfy the requirements [1] are:

- **Input Alarm Table**, it is used to convert subsystem diagnostic data into NAMUR classified diagnostic data and is used to merge different subsystem alarms into device diagnostic data. Each input subsystem shall have a part of the table to specify information about its alarms.
- **FAST Output Alarm Table**, it is needed to drive the FAST response subsystem when an alarm, that need fast response, occurs. Each FAST response subsystem shall have a part of the table to declare its reaction to a specific alarm condition.
- **Alarm Data Object**, it is used to store alarms coming from different subsystems; each subsystem shall have one different entity. The amount of Alarm Data Objects depends on the amount of input subsystems in a device that uses the common diagnosis subsystem. It is most likely that the structure of the data object varies for each subsystem, which means it is possible to configure the different Alarm Data Objects.
- **Alarm Behaviour**, it stores the behaviour of a FAST response subsystem related to a specific alarm. Sometimes the user would like to decide the behaviour of a FAST response subsystem; this object shall contain the action chosen by the user.
- **Status Data Object**, **Alarm Mask Object** and **Alarm History**, they are used to store the device status computed by the diagnostic subsystem, to store the user preferences for the alarm masking procedure and to perform a simple history mechanism indicating whether a diagnostics condition appeared or not.
- **Alarm Object Details**, it is used to store detailed history for each alarm condition or error/warning condition.
- **Simulation Data Object**, it stores the active simulation for each subsystem. Each subsystem shall have one different variable.
- **Simulation Status Data Object**, it stores the status of the simulation. The simulation shall be explicitly enabled/disabled.

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3.1.1 Alarm Data Object

The Alarm Data Object is used for alarm storing, for simulation objects both in the Diagnosis Subsystem and in the Input Subsystems, for the overall device status, its masking object and for history data.



The T_DATA_OBJ_ALARM object basic data type is defined as follow, each bit represents and store a different alarm condition. The T_DIAGNOSIS_ALARM union data type was declared to make the object more readable during debug session.

```

typedef union {
    TUSIGN8 byte;
    struct {
        TUSIGN8 bit_0 : 1;
        TUSIGN8 bit_1 : 1;
        TUSIGN8 bit_2 : 1;
        TUSIGN8 bit_3 : 1;
        TUSIGN8 bit_4 : 1;
        TUSIGN8 bit_5 : 1;
        TUSIGN8 bit_6 : 1;
        TUSIGN8 bit_7 : 1;
    } bit;
} T_DIAGNOSIS_ALARM;
  
```


3.1.1.1 T_DATA_OBJ_ALARM attributes

The attributes always specified for the class are:

- **aryAttribDataTypes**, is always set to ST_E8.
- **typeQualifier**, is always set to SIMPLE.

The remaining attributes of T_DATA_OBJ_ALARM are normally determined by the constructor for an instance (data object).

- **ptrValue**, is the pointer to the value of the alarm data object, its data type is a T_DIAGNOSIS_ALARM array.
- **objectLength**, is the size of the T_DIAGNOSIS_ALARM array in bytes.
- **numberOfAttributes**, is the maximum number of attributes the data object shall handle. For each T_DIAGNOSIS_ALARM instance the number of attributes is automatically computed by the constructor on the basis of the objectLength.

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- **storageQualifier**, determines the access mode and the storage type of the alarm data object. The Alarm Mask Object and the Alarm History Object are usually NON_VOLATILE storage type while the others are RAM storage type.
- **rangeDescription**, is the pointer to the defined T_RANGE_E8 range of the data object; it contains the enumeration of all the alarms the data object shall support.

3.1.1.2 T_DATA_OBJ_ALARM methods

The overloaded external interfaces are:

TUSIGN16 Get (void *ptrValue, TINT16 attributIdx, OS_RSEMA *ptrDataSemaphore)

The Get method returns ptrValue which contains whether an alarm is set or clear. The alarm shall be selected passing to the function as attributIdx a value contained in the alarm enumeration, described in the storageQualifier.

The WHOLE_OBJ attributIdx is not supported, an ILLEGAL_ATTRIB_IDX error code is returned.

The data object is protected by a semaphore; you must then pass the pointer to this semaphore.

TUSIGN16 Put (void *ptrValue, TINT16 attributIdx, OS_RSEMA* ptrDataSemaphore)

The Put method writes the value passed by ptrValue into the alarm selected with attributIdx. The alarm shall be selected passing to the function as attributIdx a value contained in the alarm enumeration, described in the storageQualifier.

The WHOLE_OBJECT attributIdx is supported only when clearing alarms, the operation will clear all the active alarms supported by the object.

The data object is protected by a semaphore; you must then pass the pointer to this semaphore.

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3.1.1.3 Status Data Object, Alarm Mask Object and Alarm History

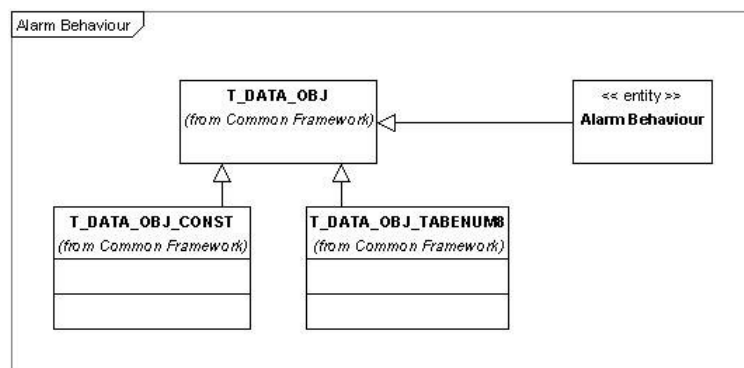
The status data object, the alarm mask data object and the alarm history are T_DATA_OBJ_ALARM, every bit of those objects represent a diagnosis condition and store if it is set or not.

The definitions of those objects are embedded in the diagnosis subsystem and they are defined as follow:


- **objectLength**, they are 6 byte T_DIAGNOSIS_ALARM objects.
- **numberOfAttributes**, they may store up to 255 diagnosis conditions.
- **storageQualifier**, they are NON_VOLATILE storage type.
- **rangeDescription**, the range descriptor is always divided into two parts:
 - Values from 0 to 127 are the common diagnosis conditions that shall be common to every ABB device. Those conditions are defined in [4] and can not be modified.
 - Values from 128 to 254 are the device specific diagnosis conditions. These conditions can be defined by the final user when the device needs a condition that is relative only to the specific device.

3.1.2 Alarm Behaviour

The Alarm Behaviour stores the reaction of a FAST response subsystem related to a specific alarm.

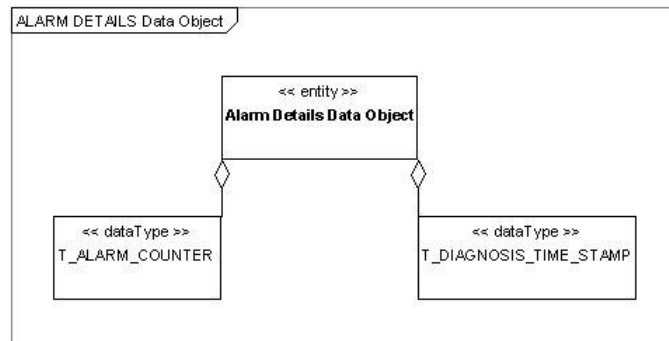


The Alarm Behaviour can be either a T_DATA_OBJ_CONST, when the behaviour is not user configurable, or a T_DATA_OBJ_TABENUM8, when the behaviour is user configurable. In this last case the enumeration values, used to declare the data object, are the states the FAST response subsystem shall assume.

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3.1.3 Alarm Details Data Object

The alarm details data object is used to store detailed information about each alarm condition.



The T_DATA_OBJ_ALARM_COUNTER object basic data type is defined as follow.

```

typedef struct _T_DIAGNOSIS_ALARM_COUNTER
{
    TUSIGN16    alarmCounter;
    TUSIGN32    alarmTimeCounterMsec;
    TUSIGN16    alarmTimeCounterDay;
    TUSIGN32    timeStampLastAlarmMsec;
    TUSIGN16    timeStampLastAlarmDay;
} T_DIAGNOSIS_ALARM_COUNTER;
  
```

The Alarm Details Data Object stores:

1. **alarmCounter**, the number of occurrences of the alarm condition.
2. **alarmTimeCounterMsec** and **alarmTimeCounterDay**, how much time the alarm condition has been set.
3. **timeStampLastAlarmMsec** and **timeStampLastAlarmMsec**, the time stamp of the last detection (if available in the device) or how much time ago it happened.


3.1.3.1 T_DATA_OBJ_ALARM_COUNTER attributes

The attributes always specified for the class are:

- **aryAttribDataTypes**, is always set to ST_U16, ST_U32, ST_U16, ST_U32, ST_U16.
- **typeQualifier**, is always set to STRUCT.
- **storageQualifier**, they are NON_VOLATILE storage type.
- **rangeDescription**, is always set to NULL.
- **numberOfAttributes**, is always set to 5.
- **objectLength**, is the size of the T_DATA_OBJ_ALARM_COUNTER data type expressed in bytes.

The remaining attributes of T_DATA_OBJ_ALARM_COUNTER are normally determined by the constructor for an instance (data object).

- **ptrValue**, is the pointer to the value of the alarm details data object, its data type is a T_DATA_OBJ_ALARM_COUNTER data type.

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3.1.3.2 T_DATA_OBJ_ALARM_COUNTER methods

The overloaded external interfaces are:

TUSIGN16 Put (void *ptrValue, TINT16 attributeldx, OS_RSEMA* ptrDataSemaphore)

The Put method writes the value passed by ptrValue into the attribute selected with attributeldx. The only check made by the Put method is on **alarmTimeCounterMsec** and **timeStampLastAlarmMsec**, they shall be less than ALARM_COUNTER_MSEC_TO_DAY otherwise the Put is rejected with GREATER_THAN_RANGEMAX_ERR error code.

The WHOLE_OBJECT attributeldx is supported only when clearing the whole object, otherwise a METHOD_NOT_SUPPORTED error code is returned.

3.1.4 Input Alarm Table and FAST Output Alarm Table

The Alarm Input Table and the FAST Output Alarm Table are the core data entities of the diagnosis subsystem. They are used to merge all the diagnostics coming from the different subsystems and to drive the FAST subsystems. The diagnosis subsystem will need one table entry for each alarm that it will manage.

```
typedef struct _T_DIAGNOSIS_INPUT_TABLE {
    void FAST
    TUSIGN8
    TUSIGN8
    T_DIAGNOSIS_CLASSES
    T_DIAGNOSIS_GROUPS
    TUSIGN8
    const T_DIAGNOSIS_RUNTIME_COUNTER
    const T_DIAGNOSIS_RUNTIME_COUNTER
} T_DIAGNOSIS_INPUT_TABLE;

*objPtr;           // pointer to the t_data_obj_alarm used to store the alarm
alarm;             // enumeration of the alarm
priority;
classification;
group;
outputIdx;         // enumeration of the effect of the alarm on the diagnosis output
*alarmRunTimeCounterPtr; // detailed alarm history pointer
*outputRunTimeCounterPtr; // detailed output history pointer
```

The meaning of each field of the table is:

void *objPtr: is the pointer to the T_DATA_OBJ_ALARM used to store the alarm.

TUSIGN8 alarm: is the alarm number defined in the alarms enumeration, refer Alarm Data Object for details.

TUSIGN8 priority: represents the severity of the occurred alarm, it will be used to summarize the device status through a ranking method. Refer to [2] for details.


T_DIAGNOSIS_CLASSES classification: represents the device condition linked with the alarm occurred, refer to [2] for details.

T_DIAGNOSIS_GROUPS group: is the source of the error; refer to [2] for details.

TUSIGN8 outputIdx: is the output alarm defined in the output alarms enumeration, refer to 3.1.1.3 for details.

T_DIAGNOSIS_RUNTIME_COUNTER *alarmRunTimeCounterPtr: is the pointer to the T_DATA_OBJ_ALARM_COUNTER used by the Diagnosis Subsystem to record details about the input alarm condition.

T_DIAGNOSIS_RUNTIME_COUNTER *outputRunTimeCounterPtr: is the pointer to the T_DATA_OBJ_ALARM_COUNTER used by the Diagnosis Subsystem to record details about the output alarm condition.

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```
typedef struct _T_DIAGNOSIS_FASTOUTPUT_TABLE {
    T_SUBSYSTEM_IDX      subsysIdx;           // subsystem to drive
    const T_DIAGNOSIS_INPUT_TABLE *inputTableAlarmPtr; // pointer to the inputTable row containing the alarm
    const T_BEHAVIOUR     *behaviourPtr;      // pointer to the behaviour object, leave 0 if no user behaviour is defined
} T_DIAGNOSIS_FASTOUTPUT_TABLE;
```

The meaning of each field of the table is:

T_SUBSYSTEM_IDX subsysIdx: represents the FAST Output Subsystem that shall be driven by the diagnosis subsystem during the FAST task.

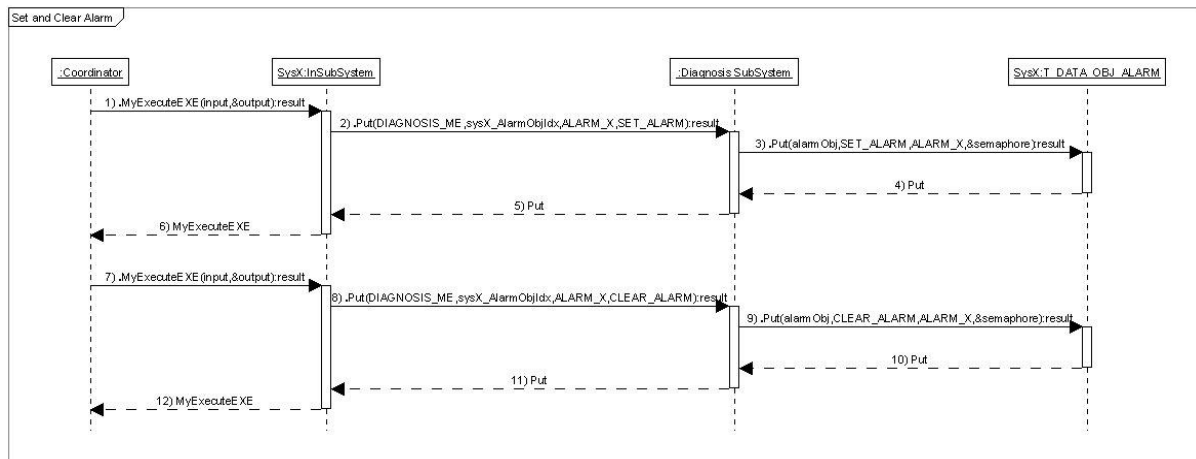
const T_DIAGNOSIS_INPUT_TABLE *inputTableAlarmPtr: is the pointer to the alarm definition in the Input Alarm Table.

const T_BEHAVIOUR *behaviourPtr: is the pointer to the behaviour object that stores the reaction of the subsysIdx subsystem to the alarm pointed by inputTableAlarmPtr.

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3.2 Dynamic Modelling

3.2.1 Set and Clear Alarm




Every subsystem can raise an alarm in the Diagnosis Subsystem though a standard Put() method:

TUSIGN16 objectIndex: the sysX_AlarmObjIdx parameter is used to address the T_DATA_OBJ_ALARM related with the calling subsystem.

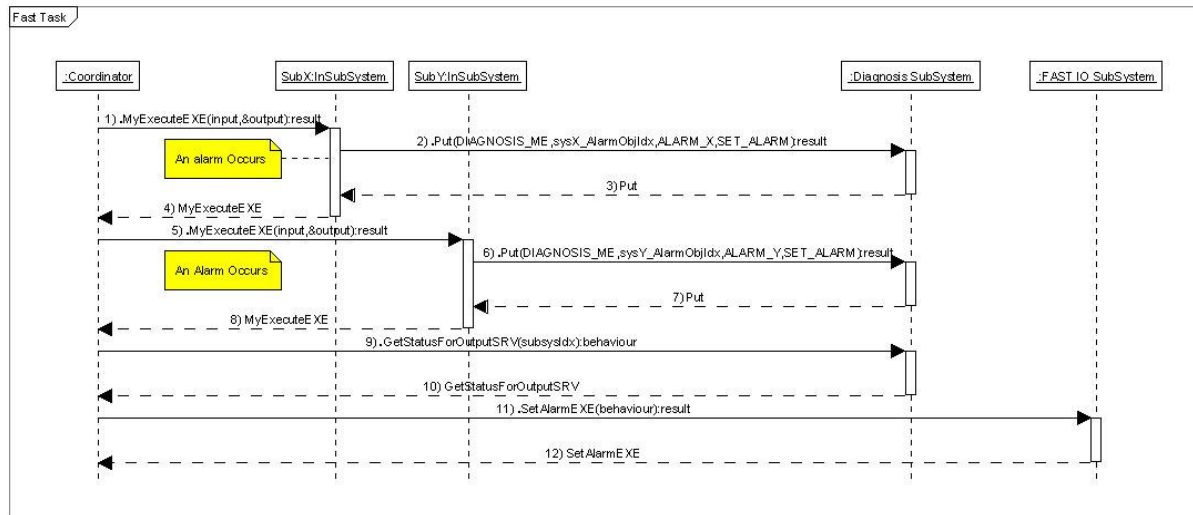
TINT16 attributeldx: the ALARM_X represents the alarm to be raised or cleared; its value shall be into the enumeration defined when a T_DATA_OBJ_ALARM is created, refer Alarm Data Object for details.

void FAST* ptrValue: the CLEAR_ALARM and SET_ALARM constants are the only acceptable values that can be used to raise and clear alarms.

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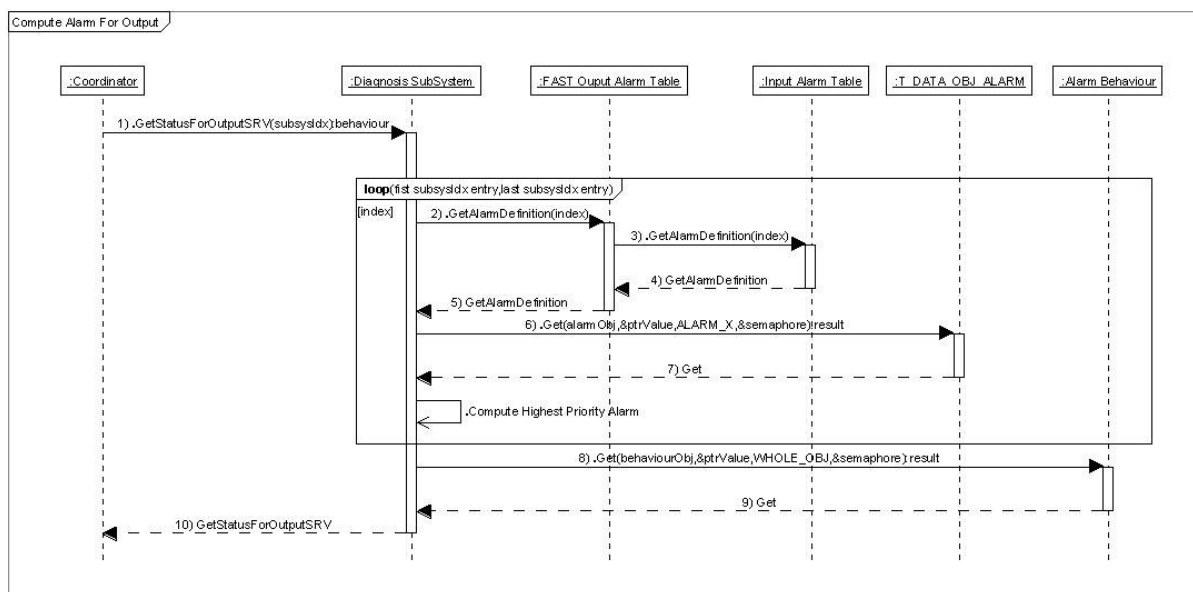
3.2.2 Fast Task

The fast task related method is used to drive the behaviour of a FAST Output Subsystem. The behaviour depends by the alarm set in the Diagnosis Subsystem and by the configuration written in the FAST Output Table.



The integration of the fast task functionality is described in the figure above:

1. Every subsystem puts their alarms in the diagnostic subsystem.
2. The Coordinator calls the Diagnosis Subsystem T_BEHAVIOUR GetStatusForOutputSRV(subsysIdx) method to compute the behaviour for a specified FAST Output Subsystem.
3. The Coordinator set the FAST Output Subsystem behaviour though it's SetAlarmEXE() method.



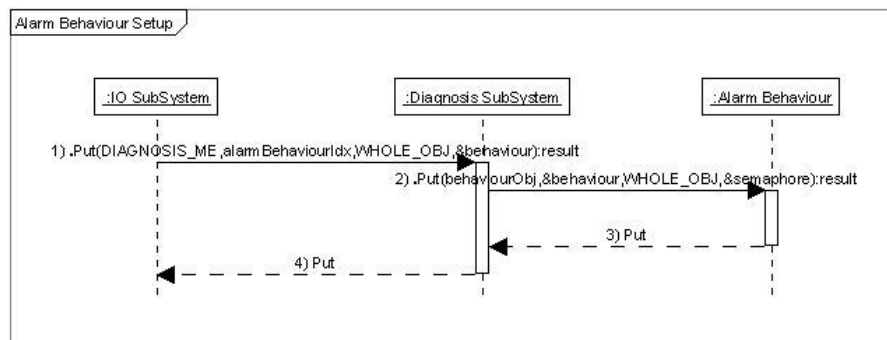
Every call to the **GetStatusForOutputSRV()** method shall specify which subsystem is required though the **subsysIdx** parameter of the function.

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In the GetStatusForOutputSRV method the diagnosis subsystem does:

1. For each entry in the FAST Output Table regarding the requested subsystem, it gets the alarm definition.
2. Get the alarm value from the right Alarm Data Object.
3. Compute the highest priority Alarm.
4. Get the value of the behaviour object, related to the highest priority, and return it back to the coordinator.

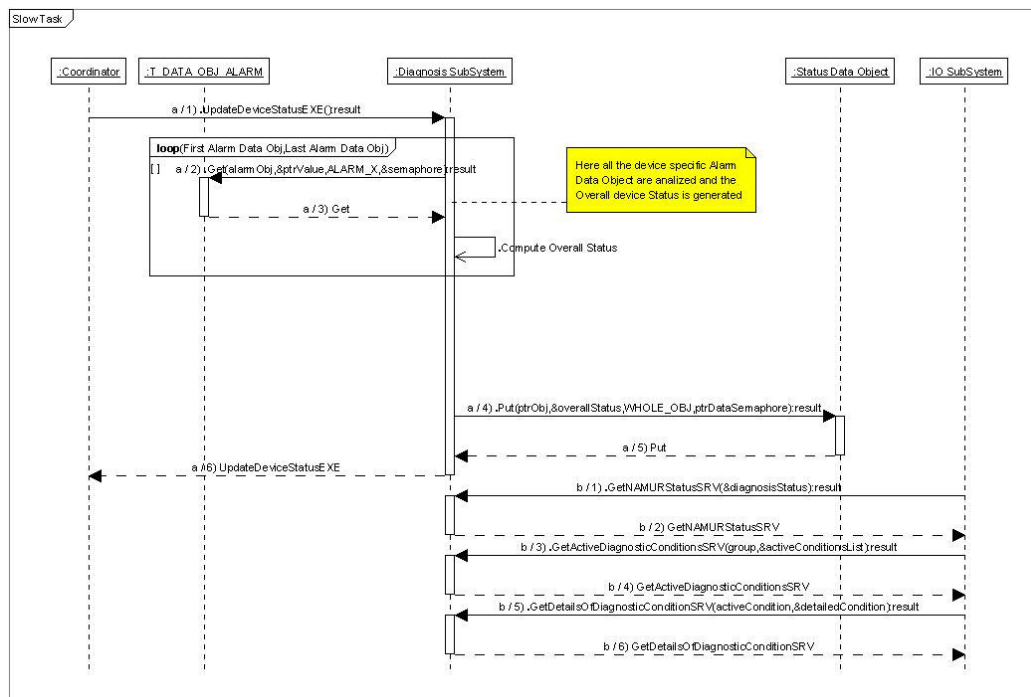
3.2.3 Alarm Behaviour Setup



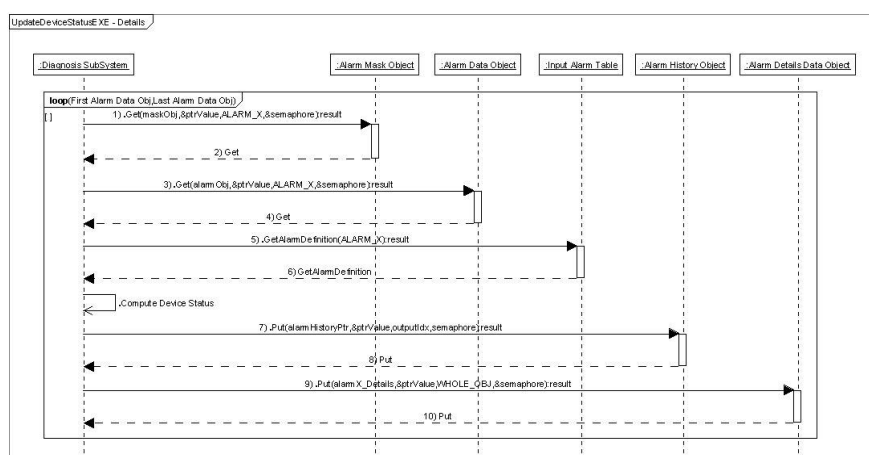
The Alarm Behaviour stores the reaction of a FAST response subsystem related to a specific alarm, it can be both a user configurable one or not. In the first case it is possible, from an external IO subsystem, to modify a behaviour object as defined by the T_DATA_OBJ_TABENUM8 data object.

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3.2.4 Slow Task




Calling the **UpdateDeviceStatusEXE()** method the Common Diagnosis Subsystem computes the full device status used by the I/O subsystems to communicate to the outer world the problems that may occur inside the device. The information coming from the other subsystem are in this function merged, organized and enriched by the information the NAMUR standard provide, refer to [2] for details.



For each alarm condition the UpdateDeviceStatusEXE() method does:

1. Check if the condition is not masked.
2. Check if the alarm condition is set.
3. Compute the device status by enriching alarm condition with NAMUR information and by merging the alarm condition to the other alarm condition present.
4. Update the Alarm History Object.
5. Update the details about the alarm condition.

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The result of UpdateDeviceStatusEXE() method is stored into internal variables that may be accessed via three different service methods.

TUSIGN16 GetNAMURStatusSRV (T_DIAGNOSIS_STATUS *aDiagnosisStatus)

The GetNAMURStatusSRV() method provides the NAMUR summary of the device.

```
#define INACTIVE_GROUP    0x00
#define ACTIVE_GROUP     0xFF

typedef struct _T_DIAGNOSIS_STATUS {
    TUSIGN8 classification;
    TUSIGN8 activeGroups[DIAGNOSIS_GROUPS_NUM_ELEMENTS];
} T_DIAGNOSIS_STATUS;
```

It returns in the aDiagnosisStatus pointer the worst classification of all the active alarms and the groups where an alarm is active.

TUSIGN16 GetActiveDiagnosticConditionsSRV (T_DIAGNOSIS_GROUPS aGroup, T_DIAGNOSIS_ACTIVE_CONDITION *anActiveConditionList)

The GetActiveDiagnosticConditionsSRV() method provides:

- When aGroup is set to DIAGNOSIS_GROUP_ALL it returns in anActiveConditionList pointer all the information about diagnostic active conditions sorted by alarm priority.
- When aGroup is set to a specific group it returns in anActiveConditionList pointer all the information about diagnostic active conditions about the specified group sorted by alarm priority.

```
typedef struct _T_DIAGNOSIS_ACTIVE_CONDITION {
    TUSIGN8 activeConditionId;
    T_DIAGNOSIS_CLASSES classification;
    T_DIAGNOSIS_GROUPS group;
    TUSIGN8 priority;
} T_DIAGNOSIS_ACTIVE_CONDITION;
```


The **T_DIAGNOSIS_ACTIVE_CONDITION** data type is composed by:

- TUSIGN8 activeConditionId, is the identification value of the alarm condition. Its value belongs from the device status enumeration; refer to 3.1.1.3 for details.
- T_DIAGNOSIS_CLASSES classification, it represents the device condition.
- T_DIAGNOSIS_GROUPS group, it is the source of the error.
- TUSIGN8 priority, it represents the severity of the occurred alarm.

The anActiveConditionList is a fixed length list; its length is user configurable only at compile time.

TUSIGN16 GetDetailsOfDiagnosticConditionSRV (T_DIAGNOSIS_ACTIVE_CONDITION anActiveCondition, T_DIAGNOSIS_DETAILED_CONDITION *aDetailedCondition)

The GetDetailsOfDiagnosticConditionSRV() method provides all the information about one active diagnostic condition passed into the anActiveCondition parameter. The **anActiveCondition** parameter is the identification value of the alarm condition, it is a part of the device status enumeration; refer to 3.1.1.3 for details.

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```

typedef struct _T_DIAGNOSIS_ALARM_COUNTER
{
    TUSIGN16 alarmCounter;
    TUSIGN32 alarmTimeCounterMsec;
    TUSIGN16 alarmTimeCounterDay;

#ifdef DIAGNOSIS_USE_SYSTEM_TIME
    TUSIGN32 timeStampLastAlarmHi;    // full time stamp
    TUSIGN32 timeStampLastAlarmLo;
#else
    TUSIGN32 timeStampLastAlarmMsec;  // simple time stamp
    TUSIGN16 timeStampLastAlarmDay;
#endif
} T_DIAGNOSIS_ALARM_COUNTER;


typedef struct _T_CONDITION_DETAIL
{
    T_SUBSYSTEM_IDX subIdx;
    TUSIGN8 alarm;
} T_CONDITION_DETAIL;

typedef struct _T_DIAGNOSIS_DETAILED_CONDITION
{
    T_DIAGNOSIS_CLASSES classification;
    T_DIAGNOSIS_GROUPS group;
    TUSIGN8 priority;
    T_DIAGNOSIS_ALARM_COUNTER runtimeCounter;
#ifdef DIAGNOSIS_USE_CONDITION_DETAILS
    T_CONDITION_DETAIL details[DIAGNOSIS_CONDITION_DETAILS_MAX_NUMBER];
#endif
} T_DIAGNOSIS_DETAILED_CONDITION;

```

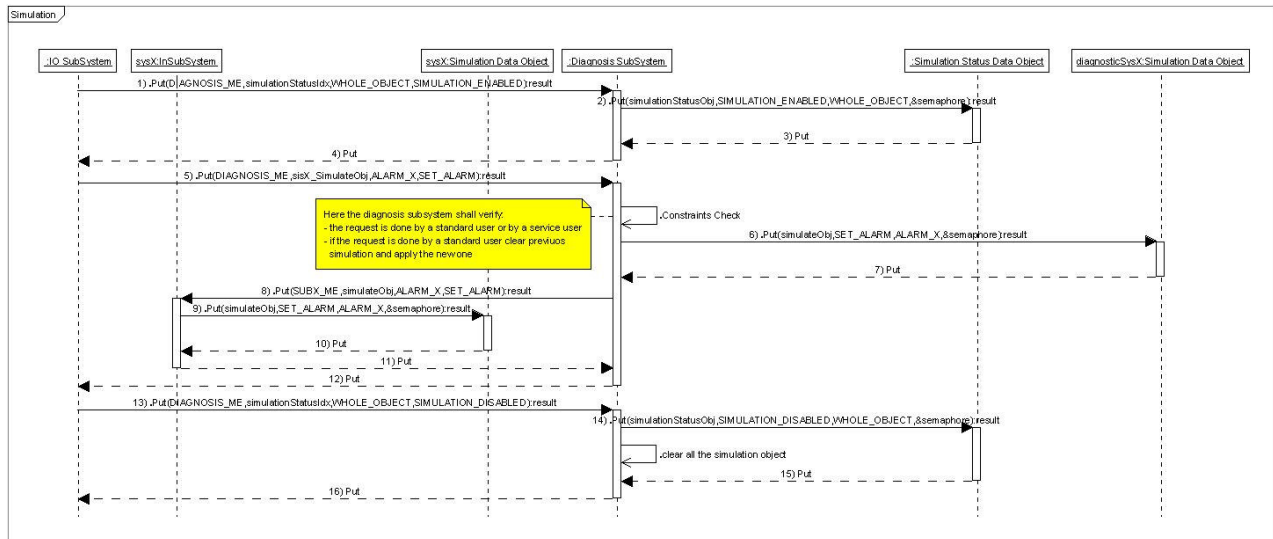
The **T_DIAGNOSIS_DETAILED_CONDITION** data type is composed by:

- **T_DIAGNOSIS_CLASSES** classification, it represents the device condition.
- **T_DIAGNOSIS_GROUPS** group, it is the source of the error.
- **TUSIGN8** priority, it represents the severity of the occurred alarm.
- **T_DIAGNOSIS_RUNTIME_COUNTER**, it represents the details about the active condition. It contains the number of occurrences of the alarm condition, the total time the alarm condition has been set and the time stamp of the last detection (if available in the device) or how much time ago it happened
- **T_CONDITION_DETAIL**, it contains the list of the active input conditions that compose an output condition. Returns the alarm code and the subsystem index.

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3.2.5 Alarm Simulation

The alarm simulation will be managed both by the diagnostic subsystem and by the subsystem that raises the alarm. For this reason a simulation data object shall be defined both in the diagnostic subsystem and in the subsystem that raises the alarm. The synchronization between the two objects is done by the diagnostic subsystem.



An interface subsystem can activate an alarm using a standard put method on the diagnosis subsystem, first enabling the simulation through the simulation status object and then writing the simulation data object inside the diagnostic subsystem. If the simulation is not enabled every write to the simulation data object is rejected with RULE_VIOLATION_ERR error code.

When the simulation is enabled the device status is automatically set to Check Function [2] to remember the user that the device is in simulation mode.

When the simulation is disabled the diagnosis subsystem clear all the simulation object automatically.

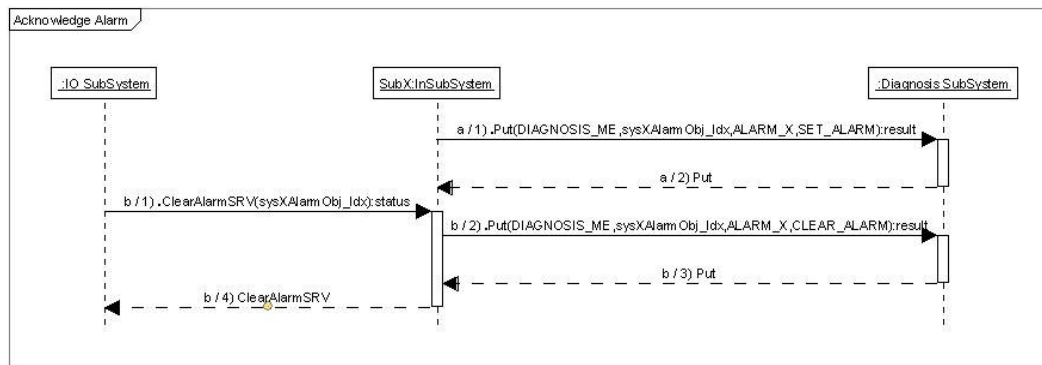
The diagnostic subsystem allows, through the ARM subsystem [5]:

- The standard user to simulate only one alarm at time, the previous simulation flag is removed by the diagnosis subsystem while setting the new one.
- The service user may simulate more than one alarm, so the constraints check procedure is no more necessary.

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3.2.6 Acknowledge Alarm

The alarms acknowledge does not involve directly the diagnostic subsystem but it shall be done in the subsystem which raises the alarm.

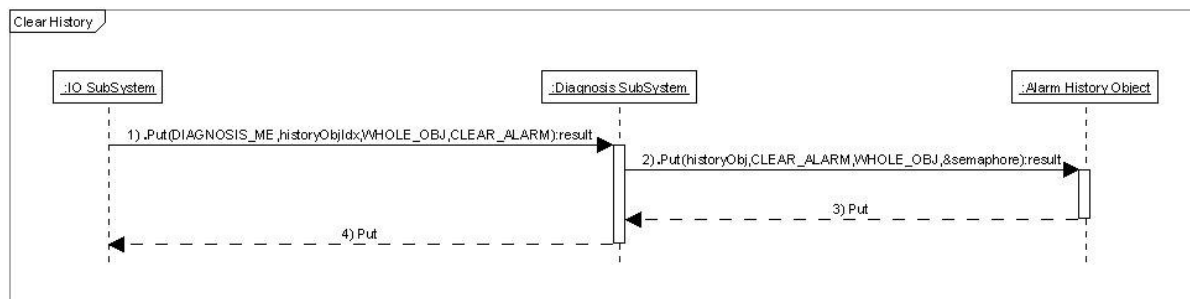


Every subsystem that needs a user acknowledge shall implement a **ClearAlarmSRV()** in order to let the IO subsystem to clear an alarm after a user acknowledge. As shown in figure above, acknowledge alarm is done in the Diagnosis Subsystem though a clear alarm procedure, so though a standard put method.


The implementation of a ClearAlarmSRV() method to interface a subsystem to an IO subsystem is only a suggestion, other acknowledge method could be discussed but it is not a part of the common diagnosis subsystem.

3.2.7 Clear History and Clear History Details

A simple history mechanism shall be implemented in the diagnosis subsystem. It will indicate whether a diagnostics condition appeared or not. It shall be user clearable.



The clear history method is performed via a standard put method using the WHOLE_OBJ attribute, refer to 3.1.1.3 for details.

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3.3 Class Design

Methods, Attributes and connections of classes/packages.

XX

3.4 Detailed Design

Task, Algorithm, Calculations, Tricky things

XX

3.5 Design Decisions and Limitations

Describe the design decisions; specify classes or functions that are reused. Additionally point out what limitations the design includes (e.g. additional buffer instead of semaphore, because of power constraints).

XX

3.6 Hardware Dependencies


Describe the hardware dependencies in detail.

XX

3.7 Data Object Description

Provide a detailed description of all Data Objects.

XX

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4 Design Review

4.1 Review Participants

Place	Dept.	Name
Bangalore	INCRC	Ashwin Herur

4.2 Decision of the Review


Decision	Next steps
<input checked="" type="checkbox"/> Inspection passed without restrictions	Phase finished
<input type="checkbox"/> Inspection passed with restrictions	some changes must be done
<input type="checkbox"/> Inspection not passed	Inspection must be repeated

4.3 Check List

		Yes	No
1.	Is the software architecture distinct and documented?	X	
2.	Fit the modules together?	X	
3.	Are complex algorithms/procedures explained?	X	
4.	Is a strategy for error handling designated?	X	
5.	Is the configuration management system well prepared?	X	
6.	Are all open issues transferred to the defects table?	X	

4.4 Defect

No defect.

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5 Module Test

5.1 Details

Environment	IAR C-SPY
Emulator Driver Version	3.20.1.4
Intention	Code Coverage
Date	08-01-2010
Result	Passed
Code Coverage %	100%

5.2 Result

Module test of "T_DATA_OBJ_ALARM ModuleTest"

file: C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c, compilation date: Jan 14 2010, 09:34:32

Test Check_ALARM for invalid values and NULL pointers

Test Check NULL T_DATA_OBJ ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=76

Test Check NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=78

Test Check invalid attributeIndex ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=527
Test OK

Test Get,Put and GetAttributeDescription for NULL pointers

Test Put NULL T_DATA_OBJ ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=247

Test Put NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=249

Test Put NULL ptrDataSemaphore ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=251

Test Get NULL T_DATA_OBJ ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=146

Test Get NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=148

Test Get NULL ptrDataSemaphore ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=150

Test GetAttributeDescription NULL T_DATA_OBJ ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=374

Test GetAttributeDescription NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=376

Test Get, Put and GetAttributeDescription Method for invalid initializer values

Test Put me.numberOfAttributes = 0 ...

assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=262
assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=579
Test OK


Test Get me.numberOfAttributes = 0 ...

assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=157
assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=202

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=585
Test OK

Test Put NULL me.ptrValue ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=263

Test Get NULL me.ptrValue ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=158

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Test Put wrong me.storageQualifier ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=265
Test Get wrong me.storageQualifier ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=160

Test Check NULL me.ptrDescription = NULL ...
assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=90
assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=618
Test OK

Test GetAttributeDescription NULL me.ptrDescription = NULL ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=383
Test Put NULL me.pClass ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=264
Test Get NULL me.pClass ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=159
Test GetAttributeDescription NULL me.pClass ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=382

Test PutALARM

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=652
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=659
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=666
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=673
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=681
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=688
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=695
Test OK


Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=702
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=709
Test OK

Test illegal values ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=266

Test illegal values ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=266

Test correct values SET_ALARM on single byte obj ...

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=739
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=739
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=739
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=739
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=739
Test OK

Test correct values CLEAR_ALARM on single byte obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=756
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=756
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=756
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=756
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=756
Test OK


Test SET_ALARM WHOLE_OBJECT on single byte obj in Put method ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=767
Test OK

Test CLEAR_ALARM WHOLE_OBJECT on single byte obj in Put method ... Test in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=774 Test OK

Test correct values SET_ALARM on multiple bytes obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=793
Test OK

Test correct values CLEAR_ALARM on multiple bytes obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=811
Test OK

Test SET_ALARM WHOLE_OBJECT on single byte obj in Put method ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=336
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=823
Test OK

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Test SET_ALARM WHOLE_OBJECT on single byte obj in Put method ... Test in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=829 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=834
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=834
Test OK

Test of GetALARM

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=202
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=848
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=202
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=855
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=202
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=862
Test OK

Test illegal attribute ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=202
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=869
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=877
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=884
Test OK


Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=891
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=898
Test OK

Test rule violation (not in enumeration range) ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=104
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=905
Test OK

Test correct values CLEAR_ALARM on single byte obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=927
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=927
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=927
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=927
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=927
Test OK

Test correct values CLEAR_ALARM on multiple bytes obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=949
Test OK

Test GetAttributeDescription_ALARM

Test illegal attributeIndex on single bytes obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=959
Test OK
Test illegal attributeIndex on multiple bytes obj ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm.c Line=964
Test OK

12 of 12 VIP-Tests OK; 35 of 35 ASSERT-Tests OK; 72 of 72 Tests-OK
Module test PASSED

Module test of "T_DATA_OBJ_ALARM_COUNTER ModuleTest"
file: C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c,
compilation date: Jan 14 2010, 09:34:34

Test Check_ALARM_COUNTER for invalid values and NULL pointers

Test Check NULL T_DATA_OBJ ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c Line=80
Test Check NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c Line=82
Test Check invalid ptrValue on ALARM_COUNTER_TIME_MSEC attribute... Test in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c Line=149 Test OK
Test Check invalid ptrValue on ALARM_COUNTER_TIME_STAMP_MSEC attribute... Test in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c Line=155 Test OK

Test Check Method for invalid initializer values

Test Put me.numberOfAttributes = 0 ...
assert in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\T_DATA_OBJ\Source\t_data_obj.c Line=258
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\t_data_obj_alarm_counter.c
Line=168 Test OK

Test Put NULL me.ptrValue ... assert in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\T_DATA_OBJ\Source\t_data_obj.c Line=138

2 of 2 VIP-Tests OK; 2 of 2 ASSERT-Tests OK; 3 of 3 Tests-OK
Module test PASSED

Module test of "Diagnosis Module Test"
file: C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c, compilation
date: Jan 14 2010, 10:31:24

Test Overloaded Methods

Test Initialize Method for NULL T_UNIT ...VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_overload.c Line=85

Test Put Method for wrong state ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_overload.c Line=170
Test Put Method for NULL T_UNIT ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_overload.c Line=161
Test Put Method for NULL ptrValue ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_overload.c Line=163
Test Put Method for unknown objectIndex ... Test in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c Line=1161 Test OK



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1015 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1005 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1010 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1015 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1005 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1010 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1015 Test OK
```

Alarm Behaviour Setup Test (test alarm behaviour ranges) ...

[illegible]

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1037 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1032 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1037 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1032 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1037 Test OK

FAST Task Method Test ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1218 Test OK
Cycle 0 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 1 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1232 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 2 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1232 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 3 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1232 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 4 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1232 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 5 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1232 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 6 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Cycle 7 ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1241 Test OK

Slow Task Methods Test

Test NULL pointers on GetNAMURStatusSRV ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_execute.c Line=535
Test NULL pointers on GetNAMURStatusSRV ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_execute.c Line=575
Test NULL pointers on GetDetailsOfDiagnosticConditionSRV ... VIP_ASSERT in File=C:\Data\Process5k\Common
Diagnosis\DiagnosisSubsystem\Diagnosis\Source\diagnosis_execute.c Line=634

Test wrong input values ...




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
```


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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1318 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1318 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1318 Test OK

GetNAMURStatusSRV ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1325 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1327 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1331 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1331 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1331 Test OK

GetActiveDiagnosticConditionsSRV ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1338 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK

Group GetActiveDiagnosticConditionsSRV ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 0...




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK
```

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GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
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BUJ

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
```


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Giovanni Invernizzi			BUI		

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1325 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1327 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1331 Test OK
```



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK




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GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
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Line=1390 Test OK
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Line=1397 Test OK
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Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
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Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
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Line=1374 Test OK
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Line=1388 Test OK
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Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK




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Issued by:	Approved:	Released:	Area of validity:		
Giovanni Invernizzi			BUI		

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
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Line=1347 Test OK
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Line=1064 Test OK
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Line=1070 Test OK
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Line=1059 Test OK
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Line=1059 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 0...
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Line=1363 Test OK
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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
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Line=1383 Test OK
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Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
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Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 30...
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Line=1368 Test OK
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Line=1370 Test OK
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Line=1372 Test OK
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Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK



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```
GetDetailsOfDiagnosticConditionSRV attributeIdx 4...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
```




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK

Group GetActiveDiagnosticConditionsSRV ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 0...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1383 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1325 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1327 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1331 Test OK
```



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1064 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1066 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1068 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1070 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1059 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1347 Test OK
```



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Area of validity:

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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
```





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Area of validity:

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```
getDetailsOfDiagnosisFromConditionSKV -attr routeIndex 4:1
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1363 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1368 Test OK
```

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Giovanni Invernizzi			BUI		

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1370 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1372 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1374 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1388 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1390 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1397 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1399 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1401 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1403 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1405 Test OK

Alarm Counter Detailed History ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1421 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1423 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1425 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1427 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1429 Test OK




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```
getDetailsOfDiagnosisConditionFromSKV attr:outletidx 0:..
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
```


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Giovanni Invernizzi			BUI		

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 30...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 1...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

Doing the test cycle 1 set alarm 0...

Update Device Status ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK
```




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 30...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 1...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

Doing the test cycle 3 set alarm 0...

Update Device Status ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK



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```
getDetailsOfDiagnosisConditionFromSKV attr:routeidx 1:1
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
```



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
```

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[illegible]


```
GetDetailsOfDiagnosticConditionSRV attributeIdx 0...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK
```

```
GetDetailsOfDiagnosticConditionSRV attributeIdx 30...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK
```

```
GetDetailsOfDiagnosticConditionSRV attributeIdx 1...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK
```

```
GetDetailsOfDiagnosticConditionSRV attributeIdx 31...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK
```

```
GetDetailsOfDiagnosticConditionSRV attributeIdx 4...
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
```

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

Doing the test cycle 7 set alarm 0...

Update Device Status ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1453 Test OK

Reset alarm 7...

Update Device Status ...


Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1468 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 0...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1487 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1492 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 30...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1478 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1483 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=1485 Test OK

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1487 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1492 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 1...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1478 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1483 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1485 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1487 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1492 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1478 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1483 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1485 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1487 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1492 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1494 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1478 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1483 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1485 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1487 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1492 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1494 Test OK

----- Simulation Test

Test simulation enable/disabled command and device status ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1513 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1517 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1526 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1535 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1543 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1549 Test OK
 OK

Test simulation disabled command and remove alarms ...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1574 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1583 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1586 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=1595 Test OK



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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
```




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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2416 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2418 Test OK

```





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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2467 Test OK
```

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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2469 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 1...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2467 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2469 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 31...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2467 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2469 Test OK

GetDetailsOfDiagnosticConditionSRV attributeIdx 4...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2467 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2469 Test OK

Doing the test cycle 2 alarm 0...

Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2410 Test OK

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[illegible]

GetDetailsOfDiagnosticConditionSRV attributeIdx 0...

```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2467 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2469 Test OK
```

GetDetailsOfDiagnosticConditionSRV attributeIdx 30...

```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
```



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2458 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2460 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2462 Test OK
```



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```
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2442 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2447 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2449 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2451 Test OK
Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
Line=2453 Test OK
```


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Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=2458 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=2460 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=2462 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=2467 Test OK
 Test in File=C:\Data\Process5k\Common Diagnosis\DiagnosisSubsystem\Diagnosis\Source\Diagnosis_module_test.c
 Line=2469 Test OK
 OK

7 of 7 VIP-Tests OK; 0 of 0 ASSERT-Tests OK; 2199 of 2199 Tests-OK
 Module test PASSED

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Giovanni Invernizzi				BUI	

6 Code Review

6.1 Review Participants

Place	Dept.	Name
Bangalore	INCRC	Ashwin Herur
Bangalore	INCRC	Ganapathi R
Lenno	R&D	Colombo Roberto

6.2 Decision of the Review

Decision	Next steps
<input checked="" type="checkbox"/> Inspection passed without restrictions	Phase finished
<input type="checkbox"/> Inspection passed with restrictions	some changes must be done
<input type="checkbox"/> Inspection not passed	Inspection must be repeated

6.3 Document List


Document:	Revision:	Optional Comments:
Diagnosis_execute.c	1.10	
Diagnosis_overload.c	1.15	
T_data_obj_alarm.h	1.4	
T_data_obj_alarm_counter.h	1.35	

6.4 Check List

		Yes	No	NA
1.	Review the code for conformance with the coding guideline.	X		
2.	Check that erroneous data inputs are covered correctly.	X		
3.	Check that parameter passing by reference is correctly used.	X		
4.	Check that all specified outputs are produced.	X		
5.	Check that all functions are clear too understood.	X		
6.	Check that the program sequencing is proper.	X		
7.	Check that all type casts are correct.	X		
8.	Check that conditional compile is correctly used.	X		
9.	Check that the module test has passed successful and covered the implementation.	X		
10.	Check that the code is successful checked by a lint-tool (warning level 3 for SIL3)	X		
11.	Check all parts where a PC_Lint warning was suppressed by the programmer.	X		
12.	Check that all related safety measures based on the safety analysis are covered.	X		
13.	Check that known problems and limitations of compiler, linker and operating system are considered by the developer.	X		
14.	Check that all the debug code has been removed.	X		
15.	Check in details the interrupt routines			X
16.	Are all open issues transferred to the defects table?	X		

6.5 Defect

No defect.

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7 Revision Chart

Rev.	Description of Version/Changes	Primary Author(s)	Date
0.1	First Distribution for team internal comments	Giovanni Invernizzi, Joachim Lenk , Nick Malcolm, Florian Reuss, Jan Suchotzki	13/09/2005
0.2	First Draft for BUI distribution	Giovanni Invernizzi	14/11/2005
0.3	Second Draft after Diagnosis Subsystem Prototyping	Giovanni Invernizzi	23/01/2006
0.4	Four draft after Lenno meeting on 2006 June 07	Giovanni Invernizzi	19/03/2007
0.5	Added output condition details feature	Giovanni Invernizzi	17/12/2008
0.6	Design Review, Module Test and Code Review added as internal paragraph	Roberto Colombo	14/01/2010