

# Foundations™ from Health Level

## HL7 Interface Specification

Prepared for

VHA

National Teleradiology Program

## Overview

VHA NTP requires a two-way data integration between the STAT Case Manager (Built on Foundations™ by Health Level) and IntelePACS (product provided by InteleRad).

For the two-way integration, Foundations™ shall send STAT as they are added to the work list and status changes to IntelePACS via HL7 messages and IntelePACS shall send similar messages to Foundations™.

## Workflow and Resulting Data flow – From Foundations™ to IntelePACS

User Action	Trigger Event	Note
VA MC Tech Submits a case	Case Submission	Status in ORC-5.1 = OR
NTP FC marks a case ready	Case Ready	Status in ORC-5.1 = RY
NTP FC marks a case rejected	Case Rejected	Status in ORC-5.1 = CX

## Sample Message

```
MSH|^~\&|Foundations|VHANTP|IntelePACS||20140208133759||ORM^O01|MID2014020813
:37:58384|P|2.5
PID|||||||||||||||||
ORC|||516012714-995||RY|
OBR|||516012714-995|||2014-01-27 17:30:47.447|2014-01-27 17:34:25.34|||||CT
HEAD WO|||72739866614925||
```

## Relevant or Notable Segment/Fields

Segment	Field	Length	Opt	Definition
PID	Because the VA MC Techs do not enter patient information, the PID is segment will be present but empty for this interface/ application purpose.			
ORC	3.1	25	R	Accession Number – this will always be present. In case the 2.4 sites, the format will be ZZZ-mmddyy-nnnn. In case of 2.3 sites, the format will be ZZZmmddyy-nnnn.
ORC	5.1	5	R	Order Status – range of value = {OR, RY, CX}
OBR	3.1	25	R	Same as ORC 3.1, Accession number
OBR	6.1	25	R	Timestamp the case was originally submitted
OBR	7.1	25	R	Timestamp the case status was changed
OBR	13.1	180	O	Study info as entered by submitting Tech
OBR	16.1	25	O	Ordering Provider Name
OBR	17.1	25	O	Callback Phone Number with extension
OBR	18.1	25	O	Callback Pager if available

## Messaging from IntelePACS to Foundations

Foundations Listeners will be configured for the PACS HL7 formats. The Accept and Reject Message drive the status change that has to be reflected on the NTP Customer facing work lists.