

# 111. SYNC DSPCHLIST - REVISION 001

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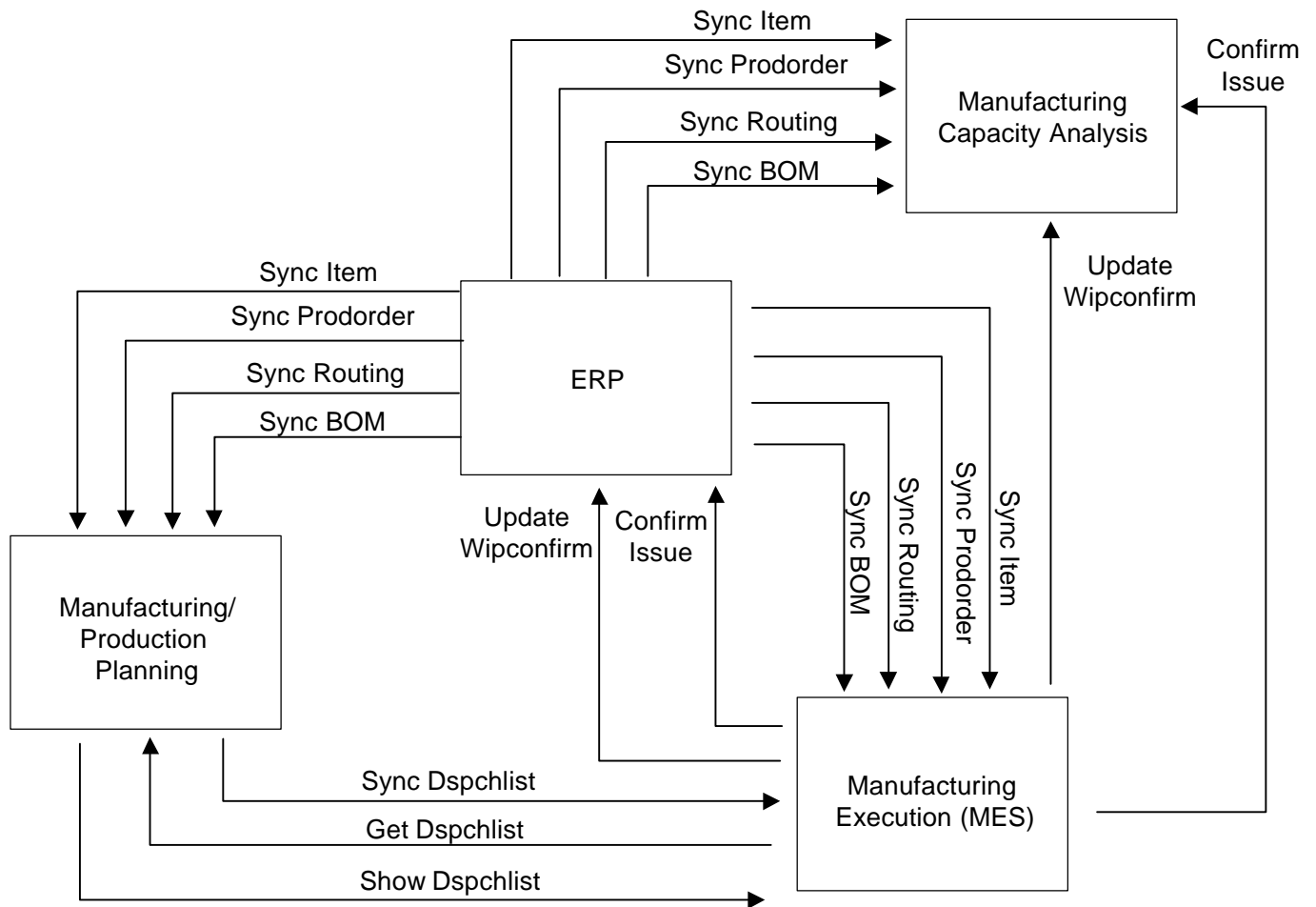
## 111.0 Overview

This chapter describes the Business Service Request named SYNC DSPCHLIST, the Verb being SYNC and the Noun being DSPCHLIST.

The purpose of the SYNC DSPCHLIST Business Service Request is to synchronize dispatch list (finite schedule) information.

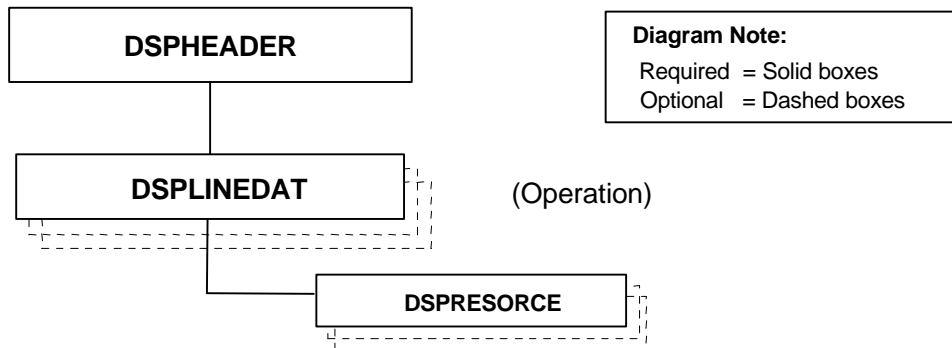
This BSR will cause updates to occur.

This BSR may be used individually, or as part of a larger interface scenario. The picture below visualizes a possible use of this BSR.



## 111.1 SYNC DSPCHLIST

The SYNC DSPCHLIST Business Object Document consists of the following Data Types:



1. **DSPHEADER** - Information about the entire WIP transaction. This Data Type is required.
2. **DSPLINEDAT** - Information concerning the specific WIP operation or to a step in a routing. One occurrence of this Data Type is required for each occurrence of the DSPHEADER Data Type.
3. **DSPRESOURCE** - Information concerning the resources associated with a particular WIP operation. One occurrence of this Data Type is required for each occurrence of the DSPLINEDAT as pictured above.

## 111.2 DSPHEADER

The Data Type, "**DSPHEADER**", is the first Data Type the Business Service Request "**SYNC DSPCHLIST**" uses. The DSP refers to Dispatch List.

The DSPHEADER can refer to a Workcenter, a work location or a machine.

Listed are all the Field Identifiers and Segments that are valid for use within the DSPHEADER Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

The first table represents required data.

| REQUIRED DSPHEADER DATA |          |
|-------------------------|----------|
| NAME                    | APPENDIX |
| RESORCETYP              | C        |
| RESOURCEID              | C        |
| SYNCIND                 | C        |

The second table describes data that is optional.

| OPTIONAL DSPHEADER DATA |          |
|-------------------------|----------|
| NAME                    | APPENDIX |
| NOTES                   | C        |
| RESORCEGRP              | C        |
| SITELEVEL1 - SITELEVEL9 | C        |
| USERAREA                | C        |
| WORKCENTER              | C        |

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## 111.3 DSPLINEDAT

The Data Type, “**DSPLINEDAT**”, is the second Data Type the Business Service Request “**SYNC DSPCHLIST**” uses. The DSP Line Data refers to Dispatch List Operation/Line information or it could represent a step in a routing.

Listed are all the Field Identifiers and Segments that are valid for use within the DSPLINEDAT Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

The first table represents required data.

| REQUIRED DSPLINEDAT DATA |          |
|--------------------------|----------|
| NAME                     | APPENDIX |
| OPERATNID                | C        |
| PRODORDER                | C        |
| QUANTITY(ITEM)           | D        |

The second table describes data that is optional.

| OPTIONAL DSPLINEDAT DATA |          |
|--------------------------|----------|
| NAME                     | APPENDIX |
| DATETIME(FORECASTF)      | D        |
| DATETIME(FORECASTS)      | D        |
| DATETIME(SETUPFINSH)     | D        |
| DATETIME(SETUPSTART)     | D        |
| DATETIME(TEARDOWNF)      | D        |
| DATETIME(TEARDOWNS)      | D        |
| DESCRIPTN                | C        |
| LOTLEVEL1 - LOTLEVEL2    | C        |
| OPERATNSEQ               | C        |
| PRDLINENUM               | C        |
| RESORCELVL               | C        |
| SUFFIX                   | C        |
| USERAREA                 | C        |

**Processing Notes:**

One of the DATETIME pairs above are required to be present in this Data Definition Area.

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## 111.5 DSPRESORCE

The Data Type, “**DSPRESORCE**”, is the fourth Data Type the Business Service Request “**SHOW DSPCHLIST**” uses. The DSP refers to Dispatch List Resource information. This may contain information pertaining to:

1. Labor Resources
2. Machine Resources
3. Costs

Listed are all the Field Identifiers and Segments that are valid for use within the DSPRESORCE Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

The first table represents required data.

| REQUIRED DSPRESORCE DATA |          |
|--------------------------|----------|
| NAME                     | APPENDIX |
| ACTTYPE                  | C        |
| RESORCEGRP               | C        |
| RESORCETYP               | C        |
| RESOURCEID               | C        |

### Processing Notes:

The usage of ACTTYPE here by CIIMPLEX is an expansion of the intended OAG usage. It is intended here to show that the resources being reported here are:

1. Setup
2. Execution
3. Teardown

The second table describes data that is optional.

| OPTIONAL DSPRESORCE DATA |          |
|--------------------------|----------|
| NAME                     | APPENDIX |
| DATETIME(FORECASTF)      | D        |
| DATETIME(FORECASTS)      | D        |
| DATETIME(SETUPFINSH)     | D        |
| DATETIME(SETUPSTART)     | D        |
| DATETIME(TEARDOWNF)      | D        |
| DATETIME(TEARDOWNS)      | D        |
| EMPCATEGORY              | C        |
| EMPLOYEEID               | C        |
| EMPQUALIF                | C        |
| QUANTITY(EMPLOYEES)      | D        |
| RESORCELVL               | C        |
| USERAREA                 | C        |