

## Tag Group

| # | Tag Group          |
|---|--------------------|
| 1 | General            |
| 2 | Telecommunications |
| 3 | Pipe & Joint       |
| 4 | Special Piping     |
| 5 | Earthing Cables    |
| 6 | Road               |
| 7 | Valves             |
| 8 | Hydraulic          |

| #  | Type  | Format                                     | Remarks  | Tag Group          | Priority |
|----|---|--|--|--------------------|----------|
| 1  | 5.5 Mechanical Equipment                                    | a-bbb-(*)cc(#)-ddd-e                       |  | General            | 9        |
| 2  | 5.5.1 Auxiliary Mechanical Equipment                        | a-bbb-(H)cc(H)-ddd-e_f(f)-gg-h             |  | General            | 4        |
| 3  | 5.6 Packaged Equipment                                      | a-bbb-cc-ddd-e                             |  | General            | 9        |
| 4  | 5.7 Electrical Equipment Including Small Power and Lighting | a-bbb-ccc-ddd-ee                           |  | General            | 7        |
| 5  | Auxiliary Electrical:                                       | a-bbb-ccc-ddd-e_fff-gg- <b>h</b>           | "-h" is not included in tag numbering standard<br>h; optional one character alpha suffix   | General            | 4        |
| 6  | 5.7.1 Small Power and Lighting                              | a-bbb-ccc-ddd-ee-fgg                       |  | General            | 7        |
| 7  | 5.7.2 Multi Cable Transit                                   | a-bbb-ccc-deee                             |  | General            | 8        |
| 8  | 5.8 Instrumentation   | a-bbb-cccc-ddd <b>d</b> -e                 | <u>Change in tag numbering standard</u><br>a; a one character alpha Facility code<br>bbb; a three digit numeric System code<br>cccc; a two to four character alpha Instrumentation<br>Function code<br><b>dddd; a four digit Unique Identification Number</b><br>e; an alpha suffix that may be added to identify<br>identical functional items  | General            | 9        |
| 9  | 5.8.1 Instrumentation Soft Tag Numbers                      | N/A  | same as 5.8 Instrumentation  | General            |          |
| 10 | 5.8.2 ICSS Internal Tagging                                 | N/A  |  |                    |          |
| 11 | 5.8.3 Instrument Loops                                      | a-bbb-c(Z)-ddd-e                           |  | General            | 9        |
| 12 | 5.8.4 Serial Tagging  | a-bbb-c(Z)-ddd-e                           | same as 5.8.3 Instrument Loops   | General            |          |
| 13 | 5.9 Telecommunications Equipment                            | a-bbb-ccc-dd(d)-eee-f                      |  | Telecommunications | 2        |
| 14 | 5.10 Safety   | a-bbb-cc-ddd-e                             | Same as 5.6 Packaged Equipment   | General            | 9        |
| 15 | 5.11 Piping   | a-bbbb(b)-ccc-ddeee-f(f)ggh(V)-i(jk)-l(II) | <u>Not clear in tag numbering standard</u><br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>f; 1 or 2 digit Pressure Class<br>g; two character alpha Material Group<br>h; 1 digit numeric corrosion allowance<br>V; optional 1 character alpha. always "V"<br>i; 1 character alpha. 1st char of Insulation Code<br>j; optional 1 character alphanumeric. 2nd char of<br>Insulation Code<br>k; optional 1 character alpha. 3rd char of Insulation<br>Code<br>l; optional 1 to 3 digit insulation thickness. | Pipe & Joint       | 1        |
| 16 | 5.12 Special Piping Items                                   | a-bbb-SP-ddd-nnn                           |  | Special Piping     | 1        |
| 17 | 5.13 Nozzle Numbering                                       | a-bbb-cc-ddd-e-fg                          | "a-bbb-cc-ddd-e" identifies the "5.5 Mechanical<br>Equipment"  | General            | 7        |
| 18 | 5.14 Maintainable Joint Numbering                           | N/A  |  |                    |          |
| 19 | 5.14.1 General  | a-bbbb(b)-ccc-ddeee-JJ-NNN.D               | <u>Not clear in tag numbering standard</u><br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>JJ; Joint Type (JF or JH)<br>NNN; Joint Number<br>D; optional one digit Decimal Suffix   | Pipe & Joint       | 2        |
| 20 | Joint Number  | a-bbb-cc-ddd-e-JJ-NNN.D                    | a-bbb-cc-ddd-e is the primary equipment number   | General            | 5        |
| 21 | 5.14.2 Line Number  | a-bbbb(b)-ccc-ddeee                        | First part of 5.14.1 General   | Pipe & Joint       | 3        |
| 22 | 5.14.3 Joint Type   | Same as 5.14.1 Joint Number                |  | General            |          |
| 23 | 5.14.4 Joint Numbering on lines                             | Same as 5.14.1 General                     |  | Pipe & Joint       |          |
| 24 | 5.14.5 Joint Numbering on Equipment                         | Same as 5.14.1 Joint Number                |  | General            |          |
| 25 | 5.14.6 Maintainable Joints within Packaged Equipment        | Same as 5.14.1 Joint Number                |  | General            |          |
| 26 | 5.15 Blinding Point Numbering                               | N/A  |  |                    |          |
| 27 | 5.15.1 General  | a-bbb-BP-ddd-e                             |  | General            | 9        |
| 28 | 5.15.2 Sequential number                                    | Same as 5.15.1 General                     |  | General            |          |
| 29 | 5.15.3 Representation                                       |  |  |                    |          |
| 30 | 5.16 Welded Joint Numbering                                 | a-bbbb(b)-ccc-ddeee-W-NNN-Rf               | <u>Not clear in tag numbering standard</u><br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>W; Weld<br>NNN; Joint Number<br>Rf; optional 1 digit numeric prefixed with "R"   | Pipe & Joint       | 2        |
| 31 | 5.16.1 Line Number  | Same as 5.14.2 Line Number                 |  | Pipe & Joint       |          |
| 32 | 5.16.2 Weld Numbering                                       | same as 5.16 Welded Joint Numbering        |  | Pipe & Joint       |          |
| 33 | 5.17 Pipe Support Numbering                                 | N/A  |  |                    |          |
| 34 | 5.17.1 Pipe Racks/Tracks (Onshore)                          | N/A  |  |                    |          |
| 35 | 5.17.2 Individual supports                                  | a-bbbb(b)-ccc-ddeee-PS-NNN                 | <u>Not clear in tag numbering standard</u><br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>PS; Pipe support identifier code PS<br>NNN; Support Number   | Pipe & Joint       | 2        |
| 36 | 5.17.3 Pipe Racks/Tracks (Offshore)                         | N/A  |  |                    |          |
| 37 | 5.18 Valves   | a-bbb-cccc-dddd-e                          |  | Valves             | 1        |
| 38 | 5.19 Subsea Components                                      | a-bbb-cccc-fdd-e                           |  | General            | 9        |
| 39 | 5.20 Civil  | a-bbb-ccc-ddd                              |  | General            | 9        |
| 40 | 5.21 Buildings and Areas                                    | Same as 5.20 Civil                         |  | General            |          |
| 41 | 5.22 Road Numbering Sequence                                | Road xy                                    |  | Road               | 1        |
| 42 | 5.23 Instrument Impulse Lines and Hydraulic Tubing          | [Tag Number]-Hx                            | HOLD   | Hydraulic          | 1        |
| 43 | 6.1 Power and Control Cables                                | a-bbb-ccc-ddd-ee_fff-gg-hij-kk             | ‘a-bbb-ccc-ddd-ee’ or ‘a-bbb-ccc-ddd-ee_fff-gg’ is<br>the destination tag number as described in the<br>previous sections  | General            | 2        |
| 44 | 6.1.1 Light Fitting and Power Outlet Cable Tag Structure    | a-bbb-ccc-ddd-ee-fgg-h                     | a-bbb-ccc-ddd-ee-fgg is the destination tag<br>number as described in the Small<br>Power and Lighting section 5.7.1  | General            | 6        |

| #  | Type                                       | Format                          | Remarks  | Tag Group          | Priority |
|----|--|---------------------------------|--|--------------------|----------|
| 45 | 6.2 Instrument Cables                      | a-bbb-cccc-ddd(d)-(e)-fg        | a-bbb-cccc-ddd-e identifies the main instrument tag as described in section 5.8<br><br><u>Change in Tag numbering standard</u><br>ddd(d) ; a three or four digit Unique Identification Number  | General            | 7        |
| 46 | 6.3 Telecommunication Cables               | a-bbb-ccc-dd(d)-eee-f-Tg        | a-bbb-ccc-dd(d)-eee-f identifies the telecommunications equipment tag as described in section 5.9  | Telecommunications | 1        |
| 47 | 6.4 Fire and Gas Cables                    | a-bbb-cc-ddd-(e)-fg             | a-bbb-cc-ddd-(e) identifies the main Fire and Gas device tag as described in section 5.10.   | General            | 7        |
| 48 | 6.5 Earthing Cables                        | a-bbb-ccc-ddd-EP-e              |  | Earthing Cables    | 1        |
| 49 | TQ : Second Auxiliary Mechanical Equipment | a-bbb-ccc-ddd-e_fff-gg-h_iii-jj | <u>Not in Tag numbering standard</u><br>a-bbb-ccc-ddd-e_fff-gg indicates 5.5.1 Auxiliary Mechanical Equipment and Auxiliary Electrical of 5.7<br><br>iii : a two or three character alpha<br>jj : a two character Unique Identification Number | General            | 1        |

| #  | Type  | Format                                     | Sample Tags                 | Remarks  |
|----|---|--|-----------------------------|--|
| 1  | 5.5 Mechanical Equipment                                    | a-bbb-(*)cc(#)-ddd-e                       | L-420-K-001                 |  |
| 2  |   |  | L-420-KG-001                |  |
| 3  |   |  | L-420-HAK-001               |  |
| 4  |   |  | L-420-KGH-001               |  |
| 5  |   |  | L-420-HKGH-001              |  |
| 6  |   |  | L-420-K-002-A               |  |
| 7  |   |  | L-420-KG-002-A              |  |
| 8  |   |  | L-420-HAK-002-A             |  |
| 9  |   |  | L-420-KGH-002-A             |  |
| 10 |   |  | L-420-HKGH-001-A            |  |
| 11 | 5.5.1 Auxiliary Mechanical Equipment                        | a-bbb-(H)cc(H)-ddd-e_f(f)-gg-h             | L-420-K-001-A_FM-01-A       |  |
| 12 |   |  | L-420-KG-001-A_FM-01-A      |  |
| 13 |   |  | L-420-HAK-001-A_FM-01-A     |  |
| 14 |   |  | L-420-KGH-001-A_FM-01-A     |  |
| 15 |   |  | L-420-HKGH-001-A_FM-01-A    |  |
| 16 |   |  | L-420-K-002-A_F-01-A        |  |
| 17 |   |  | L-420-KG-002-A_F-01-A       |  |
| 18 |   |  | L-420-HAK-002-A_F-01-A      |  |
| 19 |   |  | L-420-KGH-002-A_F-01-A      |  |
| 20 |   |  | L-420-HKGH-002-A_F-01-A     |  |
| 21 |   |  | L-420-K-003-A_F-01          |  |
| 22 |   |  | L-420-KG-003-A_F-01         |  |
| 23 |   |  | L-420-HAK-003-A_F-01        |  |
| 24 |   |  | L-420-KGH-003-A_F-01        |  |
| 25 |   |  | L-420-HKGH-003-A_F-01       |  |
| 26 |   |  | L-420-K-004-A_FM-01         |  |
| 27 |   |  | L-420-KG-004-A_FM-01        |  |
| 28 |   |  | L-420-HAK-004-A_FM-01       |  |
| 29 |   |  | L-420-KGH-004-A_FM-01       |  |
| 30 |   |  | L-420-HKGH-004-A_FM-01      |  |
| 31 | 5.6 Packaged Equipment                                      | a-bbb-cc-ddd-e                             | L-420-A-001                 |  |
| 32 |   |  | L-420-KG-002                |  |
| 33 |   |  | L-420-A-002                 |  |
| 34 |   |  | L-500-UA-001-Z              |  |
| 35 | 5.7 Electrical Equipment Including Small Power and Lighting | a-bbb-ccc-ddd-ee                           | L-781-JP-001                |  |
| 36 |   |  | L-781-JEB-001               |  |
| 37 |   |  | L-781-JP-002-A              |  |
| 38 |   |  | L-781-JEB-002-A             |  |
| 39 |   |  | L-781-JP-003-01             |  |
| 40 |   |  | L-781-JEB-003-01            |  |
| 41 | Auxiliary Electrical:                                       | a-bbb-ccc-ddd-e_fff-gg- <b>h</b>           | L-781-JP-001-A_TR-01        | "-h" is not included in tag numbering standard   |
| 42 |   |  | L-781-JP-002-A_UPS-01       | h; optional one character alpha suffix   |
| 43 |   |  | L-781-JEB-002-A_TR-01       |  |
| 44 |   |  | L-781-JEB-001-A_UPS-01      |  |
| 45 |   |  | L-781-JP-001-A_TR-02-A      |  |
| 46 |   |  | L-781-JP-002-A_UPS-02-B     |  |
| 47 |   |  | L-781-JEB-002-A_TR-01-C     |  |
| 48 |   |  | L-781-JEB-001-A_UPS-02-D    |  |
| 49 | 5.7.1 Small Power and Lighting                              | a-bbb-ccc-ddd-ee-fgg                       | L-781-JP-003-01-N01         |  |
| 50 |   |  | L-781-JEB-003-01-N01        |  |
| 51 | 5.7.2 Multi Cable Transit                                   | a-bbb-ccc-deee                             | L-781-JEB-004-N004          |  |
| 52 | 5.8 Instrumentation   | a-bbb-cccc-dddd-e                          | L-421-HV-0001-A             | Change in tag numbering standard<br>a; a one character alpha Facility code<br>bbb; a three digit numeric System code<br>cccc; a two to four character alpha Instrumentation Function code<br><b>dddd; a four digit Unique Identification Number</b><br>e; an alpha suffix that may be added to identify identical functional items |
| 53 |   |  | L-421-SOV-0001-A            |  |
| 54 |   |  | L-421-ESDV-0001-A           |  |
| 55 |   |  | L-421-HV-0002               |  |
| 56 |   |  | L-421-SOV-0002              |  |
| 57 |   |  | L-421-ESDV-0002             |  |
| 58 | 5.8.1 Instrumentation Soft Tag Numbers                      | N/A  |                             | same as 5.8 Instrumentation  |
| 59 | 5.8.2 ICSS Internal Tagging                                 | N/A  |                             |  |
| 60 | 5.8.3 Instrument Loops                                      | a-bbb-c(Z)-ddd-e                           | L-422-F-001                 |  |
| 61 |   |  | L-422-J-002-A               |  |
| 62 |   |  | L-422-EZ-789                |  |
| 63 |   |  | L-422-EZ-002-A              |  |
| 64 | 5.8.4 Serial Tagging  | same as 5.8.3 Instrument Loops             |                             |  |
| 65 | 5.9 Telecommunications Equipment                            | a-bbb-ccc-dd(d)-eee-f                      | L-423-ACC-ARA-001           |  |
| 66 |   |  | L-423-BAR-AR-001            |  |
| 67 |   |  | L-423-CHK-AR-002-A          |  |
| 68 |   |  | L-423-ANT-ARA-003-A         |  |
| 69 | 5.10 Safety   | a-bbb-cc-ddd-e                             | L-420-HK-002                | Same as 5.6 Packaged Equipment   |
| 70 |   |  | L-500-UC-001-Z              |  |
| 71 | 5.11 Piping   | a-bbbb(b)-ccc-ddeee-f(f)ggh(V)-i(jk)-l(II) | L-50-582-PG001-1CS1-HA-50   | Not clear in tag numbering standard  |
| 72 |   |  | L-8-591-AF111-1CD1-C        | a; one character alpha Facility Code   |
| 73 |   |  | L-50-592-AM112-3LA3-EA      | b; 1 to 5 digit numeric Nominal Line Size (mm)   |
| 74 |   |  | L-150-593-CH113-6LB6-N1A    | c; three digit numeric System Code   |
| 75 |   |  | L-1800-594-GM114-9CA0-PC    | d; two character alpha Line Service  |
| 76 |   |  | L-10000-595-GT115-9CB1-XD   | e; three digit Unique Identification Number  |
| 77 |   |  | L-8-596-HY116-25CD3-C1B     | f; 1 or 2 digit Pressure Class   |
| 78 |   |  | L-50-597-ME117-15LB1-E1C    | g; two character alpha Material Group  |
| 79 |   |  | L-150-598-AC118-25B03-ND    | h; 1 digit numeric corrosion allowance   |
| 80 |   |  | L-1800-599-CC119-15LB6-PH   | V; optional 1 character alpha. always "V"  |
| 81 |   |  | L-10000-600-CF120-10CE0-XX  | i; 1 character alpha. 1st char of Insulation Code  |
| 82 |   |  | L-8-601-AF121-1CD1V-C       | j; optional 1 character alphanumeric. 2nd char of Insulation Code  |
| 83 |   |  | L-50-602-AM122-3LA3V-EA     | Code   |
| 84 |   |  | L-150-603-CH123-6LB6V-N1A   | k; optional 1 character alpha. 3rd char of Insulation Code   |
| 85 |   |  | L-1800-604-GM124-9CA0V-PC   | l; optional 1 to 3 digit insulation thickness.   |
| 86 |   |  | L-10000-605-GT125-9CB1V-XD  |  |
| 87 |   |  | L-8-606-HY126-25CD3V-C1B    |  |
| 88 |   |  | L-50-607-ME127-15LB1V-E1C   |  |
| 89 |   |  | L-150-608-AC128-25B03V-ND   |  |
| 90 |   |  | L-1800-609-CC129-15LB6V-PH  |  |
| 91 |   |  | L-10000-610-CF130-10CE0V-XX |  |

| #   | Type   | Format                              | Sample Tags                    | Remarks   |
|-----|--|-------------------------------------|--------------------------------|---|
|     |  |                                     | L-8-591-AF111-1CD1-C-0         |   |
|     |  |                                     | L-50-592-AM112-3LA3-EA-25      |   |
|     |  |                                     | L-150-593-CH113-6LB6-N1A-100   |   |
|     |  |                                     | L-1800-594-GM114-9CA0-PC-5     |   |
|     |  |                                     | L-10000-595-GT115-9CB1-XD-13   |   |
|     |  |                                     | L-8-596-HY116-25CD3-C1B-0      |   |
|     |  |                                     | L-50-597-ME117-15LB1-E1C-25    |   |
|     |  |                                     | L-150-598-AC118-25B03-ND-100   |   |
|     |  |                                     | L-1800-599-CC119-15LB6-PH-5    |   |
|     |  |                                     | L-10000-600-CF120-10CE0-XX-13  |   |
|     |  |                                     | L-8-601-AF121-1CD1V-C-0        |   |
|     |  |                                     | L-50-602-AM122-3LA3V-EA-25     |   |
|     |  |                                     | L-150-603-CH123-6LB6V-N1A-100  |   |
|     |  |                                     | L-1800-604-GM124-9CA0V-PC-5    |   |
|     |  |                                     | L-10000-605-GT125-9CB1V-XD-13  |   |
|     |  |                                     | L-8-606-HY126-25CD3V-C1B-0     |   |
|     |  |                                     | L-50-607-ME127-15LB1V-E1C-25   |   |
|     |  |                                     | L-150-608-AC128-25B03V-ND-100  |   |
|     |  |                                     | L-1800-609-CC129-15LB6V-PH-150 |   |
|     |  |                                     | L-10000-610-CF130-10CE0V-XX-13 |   |
| 92  | 5.12 Special Piping Items                            | a-bbb-SP-ddd-nnn                    | L-640-SP-001-001               |   |
| 93  | 5.13 Nozzle Numbering                                | a-bbb-(*)cc-ddd-e-fg                | L-700-V-003-N1                 |   |
| 94  |  |                                     | L-700-V-004-A-T1               |   |
| 95  |  |                                     | L-700-UV-005-N1                |   |
| 96  |  |                                     | L-700-GF-006-A-E1              |   |
| 97  |  |                                     | L-700-HUV-005-N1               |   |
| 98  |  |                                     | L-700-HGF-006-A-E1             |   |
| 99  | 5.14 Maintainable Joint Numbering                    |                                     |                                |   |
| 100 | 5.14.1 General                                       | a-bbbb(b)-ccc-ddeee-JJ-NNN.D        | L-50-583-PG002-JF-001          | Not clear in tag numbering standard<br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>JJ; Joint Type (JF or JH)<br>NNN; Joint Number<br>D; optional one digit Decimal Suffix |
| 101 |  |                                     | L-50-583-PG002-JH-002.1        |   |
| 102 |  |                                     | L-8-611-AF131-JF-123           |   |
| 103 |  |                                     | L-50-612-AM132-JH-124          |   |
| 104 |  |                                     | L-150-613-CH133-JF-125         |   |
| 105 |  |                                     | L-1800-614-GM134-JF-126        |   |
| 106 |  |                                     | L-10000-615-GT135-JH-127       |   |
| 107 |  |                                     | L-8-611-AF136-JF-128.1         |   |
| 108 |  |                                     | L-50-612-AM137-JH-129.1        |   |
| 109 |  |                                     | L-150-613-CH138-JF-130.2       |   |
| 110 |  |                                     | L-1800-614-GM139-JF-131.2      |   |
| 111 |  |                                     | L-10000-615-GT140-JH-132.3     |   |
| 112 | Joint Number   | a-bbb-cc-ddd-e-JJ-NNN.D             | L-700-V-003-JF-001             | a-bbb-cc-ddd-e is the primary equipment number  |
| 113 |  |                                     | L-700-V-004-A-JF-001           |   |
| 114 |  |                                     | L-700-UV-005-JF-001            |   |
| 115 |  |                                     | L-700-GF-006-A-JF-001          |   |
| 116 |  |                                     | L-700-HUV-005-JF-001           |   |
| 117 |  |                                     | L-700-HGF-006-A-JF-001         |   |
| 118 |  |                                     | L-700-V-003-JH-002.1           |   |
| 119 |  |                                     | L-700-V-004-A-JH-002.1         |   |
| 120 |  |                                     | L-700-UV-005-JH-002.1          |   |
| 121 |  |                                     | L-700-GF-006-A-JH-002.1        |   |
| 122 |  |                                     | L-700-HUV-005-JH-002.1         |   |
| 123 |  |                                     | L-700-HGF-006-A-JH-002.1       |   |
| 124 | 5.14.2 Line Number                                   | a-bbbb(b)-ccc-ddeee                 | L-60-582-PG001                 | First part of 5.14.1 General  |
| 125 |  |                                     | L-8-611-AF131                  |   |
| 126 |  |                                     | L-50-612-AM132                 |   |
| 127 |  |                                     | L-150-613-CH133                |   |
| 128 |  |                                     | L-1800-614-GM134               |   |
| 129 |  |                                     | L-10000-615-GT135              |   |
| 130 | 5.14.3 Joint Type                                    | Same as 5.14.1 Joint Number         |                                |   |
| 131 | 5.14.4 Joint Numbering on lines                      | Same as 5.14.1 General              |                                |   |
| 132 | 5.14.5 Joint Numbering on Equipment                  | Same as 5.14.1 Joint Number         |                                |   |
| 133 | 5.14.6 Maintainable Joints within Packaged Equipment | Same as 5.14.1 Joint Number         |                                |   |
| 134 | 5.15 Blinding Point Numbering                        |                                     |                                |   |
| 135 | 5.15.1 General                                       | a-bbb-BP-ddd-e                      | L-123-BP-001                   |   |
| 136 |  |                                     | L-123-BP-002-A                 |   |
| 137 | 5.15.2 Sequential number                             | Same as 5.15.1 General              |                                |   |
| 138 | 5.15.3 Representation                                |                                     |                                |   |
| 139 | 5.16 Welded Joint Numbering                          | a-bbbb(b)-ccc-ddeee-W-NNN-Rf        | L-50-582-PG001-W-001           | Not clear in tag numbering standard<br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>W; Weld<br>NNN; Joint Number<br>Rf; optional 1 digit numeric prefixed with "R"         |
| 140 |  | L-50-582-PG001-W-NNN-R1             | L-50-582-PG001-W-002-R1        |   |
| 141 |  |                                     | L-8-611-AF131-W-128            |   |
| 142 |  |                                     | L-50-612-AM132-W-129           |   |
| 143 |  |                                     | L-150-613-CH133-W-130          |   |
| 144 |  |                                     | L-1800-614-GM134-W-131         |   |
| 145 |  |                                     | L-10000-615-GT135-W-132        |   |
| 146 |  |                                     | L-8-611-AF131-W-133-R1         |   |
| 147 |  |                                     | L-50-612-AM132-W-134-R1        |   |
| 148 |  |                                     | L-150-613-CH133-W-135-R1       |   |
| 149 |  |                                     | L-1800-614-GM134-W-136-R1      |   |
| 150 |  |                                     | L-10000-615-GT135-W-137-R1     |   |
| 151 | 5.16.1 Line Number                                   | Same as 5.14.2 Line Number          | L-60-582-PG002                 |   |
| 152 | 5.16.2 Weld Numbering                                | same as 5.16 Welded Joint Numbering |                                |   |
| 153 | 5.17 Pipe Support Numbering                          | N/A                                 |                                |   |
| 154 | 5.17.1 Pipe Racks/Tracks (Onshore)                   | N/A                                 |                                |   |
| 155 | 5.17.2 Individual supports                           | a-bbbb(b)-ccc-ddeee-PS-NNN          | L-100-562-PL003-PS-072         | Not clear in tag numbering standard<br>a; one character alpha Facility Code<br>b; 1 to 5 digit numeric Nominal Line Size (mm)<br>c; three digit numeric System Code<br>d; two character alpha Line Service<br>e; three digit Unique Identification Number<br>PS; Pipe support identifier code PS<br>NNN; Support Number                             |
| 156 |  |                                     | L-100-571-DF011-PS-002         |   |
| 157 |  |                                     | L-8-611-AF131-PS-128           |   |
| 158 |  |                                     | L-50-612-AM132-PS-129          |   |
| 159 |  |                                     | L-150-613-CH133-PS-130         |   |
| 160 |  |                                     | L-1800-614-GM134-PS-131        |   |
| 161 |  |                                     | L-10000-615-GT135-PS-132       |   |
| 162 | 5.17.3 Pipe Racks/Tracks (Offshore)                  |                                     |                                |   |
| 163 | 5.18 Valves  | a-bbb-cccc-dddd-e                   | L-421-MV-0001-A                |   |
| 164 |  |                                     | L-421-SDV-0001-A               |   |
| 165 |  |                                     | L-421-ESDV-0002-A              |   |
| 166 |  |                                     | L-421-MV-0002                  |   |
| 167 |  |                                     | L-421-SDV-0002                 |   |
| 168 |  |                                     | L-421-ESDV-0003                |   |
| 169 | 5.19 Subsea Components                               | a-bbb-cccc-fdd-e                    | L-421-XV-101-A                 |   |
| 170 |  |                                     | L-421-FCV-201-A                |   |



| #   | Type   | Format                          | Sample Tags                    | Remarks  |
|-----|--|---------------------------------|--------------------------------|--|
| 171 |  |                                 | L-421-SSSV-101-A               |  |
| 172 |  |                                 | L-421-XV-302                   |  |
| 173 |  |                                 | L-421-FCV-102                  |  |
| 174 |  |                                 | L-421-SSSV-402                 |  |
| 175 | 5.20 Civil   | a-bbb-ccc-ddd                   | L-421-X-302                    |  |
| 176 |  |                                 | L-421-PF-102                   |  |
| 177 |  |                                 | L-421-RDX-402                  |  |
| 178 | 5.21 Buildings and Areas                                 | Same as 5.20 Civil              |                                |  |
| 179 | 5.22 Road Numbering Sequence                             | Road xy                         | Road 1                         |  |
| 180 |  |                                 | Road 9A                        |  |
| 181 |  |                                 | Road A                         |  |
| 182 |  |                                 | Road B2                        |  |
| 183 | 5.23 Instrument Impulse Lines and Hydraulic Tubing       | [Tag Number]-Hx                 |                                | HOLD   |
| 184 | 6.1 Power and Control Cables                             | a-bbb-ccc-ddd-ee_fff-gg-hij-kk  | L-781-JP-001-INC-13            | ‘a-bbb-ccc-ddd-ee’ or ‘a-bbb-ccc-ddd-ee_fff-gg’ is the destination tag number as described in the previous sections  |
| 185 |  |                                 | L-781-JEB-001-JEJ-22           |  |
| 186 |  |                                 | L-781-JP-002-A-KVL-34          |  |
| 187 |  |                                 | L-781-JEB-002-A-INM            |  |
| 188 |  |                                 | L-781-JP-003-01-JEP            |  |
| 189 |  |                                 | L-781-JEB-003-01-KVT           |  |
| 190 |  |                                 | L-420-K-004-A_FM-01-INV-01     |  |
| 191 |  |                                 | L-420-KG-004-A_FM-01-JEX-02    |  |
| 192 |  |                                 | L-420-HAK-004-A_FM-01-KVP-03   |  |
| 193 |  |                                 | L-420-K-001-A_FM-01-A-INT-13   |  |
| 194 |  |                                 | L-420-KG-001-A_FM-01-A-JEV-22  |  |
| 195 |  |                                 | L-420-HAK-001-A_FM-01-A-KVX-34 |  |
| 196 | 6.1.1 Light Fitting and Power Outlet Cable Tag Structure | a-bbb-ccc-ddd-ee-fgg-h          | L-781-JP-003-01-N01-C          | a-bbb-ccc-ddd-ee-fgg   |
| 197 |  |                                 | L-781-JEB-003-01-N01-J         |  |
| 198 | 6.2 Instrument Cables                                    | a-bbb-cccc-ddd(d)-(e)-fg        | L-421-HV-001-A-C               | a-bbb-cccc-ddd(d)-e identifies the main instrument tag as described in section 5.8   |
| 199 |  |                                 | L-421-SOV-001-A-J              |  |
| 200 |  |                                 | L-421-ESDV-001-A-L             |  |
| 201 |  |                                 | L-421-HV-002-C                 |  |
| 202 |  |                                 | L-421-SOV-002-J                |  |
| 203 |  |                                 | L-421-ESDV-002-L               |  |
| 204 |  |                                 | L-421-HV-001-A-C1              |  |
| 205 |  |                                 | L-421-SOV-001-A-J2             |  |
| 206 |  |                                 | L-421-ESDV-001-L3              |  |
| 207 | 6.3 Telecommunication Cables                             | a-bbb-ccc-dd(d)-eee-f-Tg        | L-423-ACC-ARA-001-C            | a-bbb-ccc-dd(d)-eee-f identifies the “downstream” telecommunications equipment tag as described in section 5.9   |
| 208 |  |                                 | L-423-BAR-AR-001-J             |  |
| 209 |  |                                 | L-423-CHK-AR-002-A-L           |  |
| 210 |  |                                 | L-423-ANT-ARA-003-A-J          |  |
| 211 |  |                                 | L-423-ACC-ARA-001-C1           |  |
| 212 |  |                                 | L-423-BAR-AR-001-J2            |  |
| 213 |  |                                 | L-423-CHK-AR-002-A-L3          |  |
| 214 |  |                                 | L-423-ANT-ARA-003-A-J4         |  |
| 215 | 6.4 Fire and Gas Cables                                  | a-bbb-cc-ddd-(e)-fg             | L-420-HK-002-C                 | a-bbb-cc-ddd-(e) identifies the main Fire and Gas device tag as described in section 5.10.   |
| 216 |  |                                 | L-500-UC-001-Z-L               |  |
| 217 |  |                                 | L-420-HK-002-C1                |  |
| 218 |  |                                 | L-500-UC-001-Z-L2              |  |
| 219 | 6.5 Earthing Cables                                      | a-bbb-ccc-ddd-EP-e              | L-420-K-005-EP                 |  |
| 220 |  |                                 | L-420-KG-006-EP                |  |
| 221 |  |                                 | L-420-HAK-007-EP               |  |
| 222 |  |                                 | L-420-K-005-EP-1               |  |
| 223 |  |                                 | L-420-KG-006-EP-2              |  |
| 224 |  |                                 | L-420-HAK-007-EP-3             |  |
| 225 | TQ : Second Auxiliary Mechanical Equipment               | a-bbb-ccc-ddd-e_fff-gg-h_iii-jj | L-781-JP-001-A_TR-01_CS-01     | <u>Not in Tag numbering standard</u><br>a-bbb-ccc-ddd-e_fff-gg indicates 5.5.1 Auxiliary Mechanical Equipment and Auxiliary Electrical of 5.7<br><br>hhh : a two character or three alpha<br>ii : a two character Unique Identification Number |
| 226 |  |                                 | L-781-JP-002-A_UPS-01_CS-01    |  |
| 227 |  |                                 | L-781-JEB-002-A_TR-01_CS-01    |  |
| 228 |  |                                 | L-781-JEB-001-A_UPS-01_CS-01   |  |
| 229 |  |                                 | L-781-JP-001-A_TR-01-A_CS-01   |  |
| 230 |  |                                 | L-781-JP-002-A_UPS-01-B_CS-01  |  |
| 231 |  |                                 | L-781-JEB-002-A_TR-01-A_CS-01  |  |
| 232 |  |                                 | L-781-JEB-001-A_UPS-01-B_CS-01 |  |
| 233 | TQ: Instrument Junction Box                              | a-bbb-ccc-ddd-e                 | L-421-HV-001-A                 |  |
| 234 |  |                                 | L-421-SOV-001-A                |  |
| 235 |  |                                 | L-421-HV-002                   |  |
| 236 |  |                                 | L-421-SOV-002                  |  |
| 237 | TQ : Instrument Power Cables                             | a-bbb-cccc-ddd(d)-(e)-fg-hij-kk | L-421-HV-001-A-C-INC-13        | <u>Not in Tag numbering standard</u><br>a-bbb-cccc-ddd(d)-(e)-fg identifies the Instrument Cables as described in section 6.2<br>-hij-kk is same as 6.1  |
| 238 |  |                                 | L-421-SOV-001-A-J-JEJ-22       |  |
| 239 |  |                                 | L-421-ESDV-001-A-L-KVL-34      |  |
| 240 |  |                                 | L-421-HV-002-A-C-INM           |  |
| 241 |  |                                 | L-421-SOV-002-A-J-JEP          |  |
| 242 |  |                                 | L-421-ESDV-002-A-L-KVT         |  |
| 243 |  |                                 | L-421-HV-003-A-C-INV-01        |  |
| 244 |  |                                 | L-421-SOV-003-A-J-JEX-02       |  |
| 245 |  |                                 | L-421-ESDV-003-A-L-KVP-03      |  |
| 246 |  |                                 | L-421-HV-004-C-INC-13          |  |
| 247 |  |                                 | L-421-SOV-004-J-JEJ-22         |  |
| 248 |  |                                 | L-421-ESDV-004-L-KVL-34        |  |
| 249 |  |                                 | L-421-HV-005-C-INM             |  |
| 250 |  |                                 | L-421-SOV-005-J-JEP            |  |
| 251 |  |                                 | L-421-ESDV-005-L-KVT           |  |
| 252 |  |                                 | L-421-HV-006-C-INV-01          |  |
| 253 |  |                                 | L-421-SOV-006-J-JEX-02         |  |
| 254 |  |                                 | L-421-ESDV-006-L-KVP-03        |  |
| 255 |  |                                 | L-421-HV-007-A-C1-INC-13       |  |

| #   | Type | Format | Sample Tags               | Remarks |
|-----|------|--------|---------------------------|---------|
| 256 |      |        | L-421-SOV-007-A-J2-JEJ-22 |         |
| 257 |      |        | L-421-ESDV-007-L3-KVL-34  |         |
| 258 |      |        | L-421-HV-008-A-C1-INM     |         |
| 259 |      |        | L-421-SOV-008-A-J2-JEP    |         |
| 260 |      |        | L-421-ESDV-008-L3-KVT     |         |
| 261 |      |        | L-421-HV-009-A-C1-INV-01  |         |
| 262 |      |        | L-421-SOV-009-A-J2-JEX-02 |         |
| 263 |      |        | L-421-ESDV-009-L3-KVP-03  |         |

## SpecialCases

| #  | Tag Convention Group | Valid Tag Number | Tag in document     | Remarks   |
|----|----------------------|------------------|---------------------|---|
| 1  | General              | L-420-K-001-A    | L420-K-001-A        | Hyphen missing after part "a". Hyphen after part "a" shall be optional in RegEx.  |
| 2  | General              | L-552-C-002      | L552-C-002          |   |
| 3  | General              | L-420-K-002-A    | 420-K-002-A         | part "a" and hyphen after part "a" are missing. Both part "a" and hyphen after part "a" shall be optional in RegEx.                                 |
| 4  | General              | L-553-C-003      | 553-C-003           |   |
| 5  | General              | L-420-K-003-A    | K-003-A             | Parts "a","b" and 2 hyphens are missing. Parts "a","b" and 2 hyphens shall be optional in RegEx.  |
| 6  | General              | L-551-C-001      | C-001               |   |
| 7  | General              | L-551-A-001      | L-551/2-A-001       | Two tags are entered as 1 tag, by concatenating the value related to part "b". In some case, upto 6 tags are merged.                                |
|    |                      | L-552-A-001      |                     |   |
| 8  | General              | L-601-A-001      | L-601/602-A-001     | Two tags are entered as 1 tag, by concatenating the value related to part "b". In some case, upto 6 tags are merged.                                |
|    |                      | L-602-A-001      |                     |   |
| 9  | General              | L-551-C-001-A    | L-551-C-001-A/B     | Two tags are entered as 1 tag, by concatenating the value related to part "e". In some case, upto 10 tags are merged like L-551-C-001-A/B/C/D/E.... |
|    |                      | L-551-C-001-B    |                     |   |
| 10 | General              | L-601-A-001-A    | L-601/2-A-001-A/B   | Four tags are entered as 1 tag, by concatenating the value related to part "b" and "e".   |
|    |                      | L-602-A-001-A    |                     |   |
|    |                      | L-601-A-001-B    |                     |   |
|    |                      | L-602-A-001-B    |                     |   |
| 11 | General              | L-601-A-002-A    | L-601/602-A-002-A/B | Four tags are entered as 1 tag, by concatenating the value related to part "b" and "e".   |
|    |                      | L-602-A-002-A    |                     |   |
|    |                      | L-601-A-002-B    |                     |   |
|    |                      | L-602-A-002-B    |                     |   |



| #  | Type  |
|----|---|
| 15 | 5.11 Piping   |
| 51 | TQ : Instrument Power Cables                                |
| 2  | 5.5.1 Auxiliary Mechanical Equipment                        |
| 49 | TQ : Second Auxiliary Mechanical Equipment                  |
| 43 | 6.1 Power and Control Cables                                |
| 30 | 5.16 Welded Joint Numbering                                 |
| 32 | 5.16.2 Weld Numbering                                       |
| 28 | 5.15.2 Sequential number                                    |
| 19 | 5.14.1 General  |
| 23 | 5.14.4 Joint Numbering on lines                             |
| 35 | 5.17.2 Individual supports                                  |
| 45 | 6.2 Instrument Cables                                       |
| 46 | 6.3 Telecommunication Cables                                |
| 5  | Auxiliary Electrical:                                       |
| 20 | Joint Number  |
| 22 | 5.14.3 Joint Type   |
| 24 | 5.14.5 Joint Numbering on Equipment                         |
| 25 | 5.14.6 Maintainable Joints within Packaged Equipment        |
| 44 | 6.1.1 Light Fitting and Power Outlet Cable Tag Structure    |
| 13 | 5.9 Telecommunications Equipment                            |
| 1  | 5.5 Mechanical Equipment                                    |
| 47 | 6.4 Fire and Gas Cables                                     |
| 6  | 5.7.1 Small Power and Lighting                              |
| 48 | 6.5 Earthing Cables   |
| 21 | 5.14.2 Line Number  |
| 31 | 5.16.1 Line Number  |
| 17 | 5.13 Nozzle Numbering                                       |
| 11 | 5.8.3 Instrument Loops                                      |
| 12 | 5.8.4 Serial Tagging  |
| 8  | 5.8 Instrumentation   |
| 37 | 5.18 Valves   |
| 4  | 5.7 Electrical Equipment Including Small Power and Lighting |
| 38 | 5.19 Subsea Components                                      |
| 16 | 5.12 Special Piping Items                                   |
| 50 | TQ: Instrument Junction Box                                 |
| 3  | 5.6 Packaged Equipment                                      |
| 14 | 5.10 Safety   |
| 27 | 5.15.1 General  |
| 7  | 5.7.2 Multi Cable Transit                                   |
| 39 | 5.20 Civil  |
| 40 | 5.21 Buildings and Areas                                    |
| 42 | 5.23 Instrument Impulse Lines and Hydraulic Tubing          |
| 41 | 5.22 Road Numbering Sequence                                |
| 9  | 5.8.1 Instrumentation Soft Tag Numbers                      |
| 10 | 5.8.2 ICSS Internal Tagging                                 |
| 18 | 5.14 Maintainable Joint Numbering                           |
| 26 | 5.15 Blinding Point Numbering                               |
| 33 | 5.17 Pipe Support Numbering                                 |
| 34 | 5.17.1 Pipe Racks/Tracks (Onshore)                          |

36 5.17.3 Pipe Racks/Tracks (Offshore)

29 5.15.3 Representation

[illegible]

N/A

|   |   |   |   |
|---|---|---|---|
| 3 | 1 | 0 | 5 |
| 0 | 1 | 0 | 2 |