

# DDR STATUS UPDATE OCTOBER 2018

**DAILY DRILLING REPORT**

**DRILLING CREW PAYROLL DATA**

DATE	WELL NAME	WELL NO.	WELL TYPE	WELL STATUS	WELL DEPTH	WELL DIAMETER	WELL ID	WELL ID PREFIX	WELL ID SUFFIX	WELL ID TOTAL	WELL ID TOTAL		WELL ID TOTAL		WELL ID TOTAL		WELL ID TOTAL		WELL ID TOTAL		TOTAL	PERCENT	TOTAL HOURS	TOTAL PAYROLL	
											WELL ID	WELL ID PREFIX	WELL ID SUFFIX	WELL ID TOTAL	WELL ID	WELL ID PREFIX	WELL ID SUFFIX	WELL ID TOTAL	WELL ID	WELL ID PREFIX					WELL ID SUFFIX
10/15/18	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
DRILLING CREW PAYROLL DATA																									
DRILLING CREW PAYROLL DATA																									



# MAINTAINED 23 BASE CODES

EXISTING + NEW ADDITIONAL		CODE	SU
CODE	OPERATION	CODE	SU
1	RIG UP AND TEAR DOWN	1	
2	DRILLING	2	
3	REAMING	3	
4	DRING	4	
5	CONDITION MUD & CIRCULATE	5	
6	TRIPS	6	
7	SERVICE RIG	7	
8	REPAIR RIG	8	
9	CUT OFF DRILLING LINE	9	
10	DEVIATION SURVEY	10	
11	WIRELINE LOGS	11	
12	RUN CASING & CEMENT	12	
13	WAIT ON CEMENT	13	
14	RIG UP BOP	14	
15	TEST BOP	15	
16	DRILL STEM TEST	16	
17	PLUG BACK	17	
18	SQUEEZE CEMENT	18	
19	FISHING	19	
20	DIRECTIONAL WORK	20	
21	RUN/RETRIEVE RISER EQUIP.	21	
22	SURFACE TESTING	22	
23	OTHER	23	
24	NON-PRODUCTIVE TIME	24	
25	OPERATING STATUS	25	
26	SAFETY	26	
27	WELL CONTROL	27	
28	COILED TUBING	28	
29	MISC	29	
A	PERFORATING	30	
B	TUBING TRIPS	31	
C	TREATING	32	
D	SWABBING	33	
E	TESTING	34	
F	SUBSEA INSTALATIONS	35	
G	RESERVED FOR FUTURE IADC USE	36	

# ADDED 6 CODES

- Non Productive Time
- Operating Status
- Safety
- Well Control
- Coiled Tubing
- Misc

## Proposal

- Change A-G to 30-36 for uniformity

EXISTING + NEW ADDITIONAL		CODE	SU
CODE	OPERATION	CODE	SU
1	RIG UP AND TEAR DOWN	1	
2	DRILLING	2	
3	REAMING	3	
4	CORING	4	
5	CONDITION MUD & CIRCULATE	5	
6	TRIPS	6	
7	SERVICE RIG	7	
8	REPAIR RIG	8	
9	CUT OFF DRILLING LINE	9	
10	DEVIATION SURVEY	10	
11	WIRELINE LOGS	11	
12	RUN CASING & CEMENT	12	
13	WAIT ON CEMENT	13	
14	RIG UP BOP	14	
15	TEST BOP	15	
16	DRILL STEM TEST	16	
17	PLUG BACK	17	
18	SQUEEZE CEMENT	18	
19	FISHING	19	
20	DIRECTIONAL WORK	20	
21	RUN/RETRIEVE RISER EQUIP.	21	
22	SURFACE TESTING	22	
23	OTHER	23	
24	NON-PRODUCTIVE TIME	24	
25	OPERATING STATUS	25	
26	SAFETY	26	
27	WELL CONTROL	27	
28	COILED TUBING	28	
29	MISC	29	
A	PERFORATING	30	
B	TUBING TRIPS	31	
C	TREATING	32	
D	SWABBING	33	
E	TESTING	34	
F	SUBSEA INSTALATIONS	35	
G	RESERVED FOR FUTURE IADC USE	36	

# SUB CODE AND SUB-SUB CODE ORIGINAL

12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	1 Flow Check	0 No Specifics	0 No Specifics
	12	2 Leak Off / Formation Integrity Test	0 No Specifics	0 No Specifics
	12	3 Conductor	0 No Specifics	0 No Specifics
	12	4 Drive Pipe	1 Rig up	0 No Specifics
	12	5 Hammer	2 Rig Down	
	12	6 Jetting Assembly	3 Make Up	
	12	7 Final Cut Joint	4 Run	
	12	8 Mud Line Equipment	5 Drive	
	12	9 Conductor Tensioners	6 Lay Down	
	12		7 Jetting	
	12		8 Soak Time	
	12	10 Casing	0 No Specifics	0 No Specifics
	12	11 Liner	1 Rig Up	1 Stands
	12	12 Inner String	2 Rig Down	2 Doubles
	12	13 Cement Stand	3 Make Up	3 Singles
	12	14 Downhole Casing Equipment	4 Pick Up	4 Landing String
	12	15 Downhole Cement Equipment	5 Rack Back	5 Drill Pipe
	12	16 S	6 Lay Down	
	12	17 L	8 Land	
	12	19 Downhole Barrier System	9 POOH	
	12	20 Inflow Test Casing	10 Function Test	
	12	21 Flowline	11 Pressure Test	
	12	22 Pollution Pan	12 Circulate	
	12	23 Slips	13 Mill / Dress	
	12	24 BOP	13 Release	
	12	25 Bell Nipple	14 Hanging	
	12	26 Cement Head	15 Rough Cut	
	12	27 Cement Lines	16 Pull	
	12	28 Casing Liner Equipment	17 Set Up	
12	29 Cement Unit	0 No Specifics	0 No Specifics	
12		1 Displace cement to depth		
12		2 Mix & Pump Cement Slurry/Spacers		
12		3 Casing		
12		4 Plugs		
12		5 Lost Circulation		

Main Code

EQUIPMENT

ACTIVITY

# SUB CODE AND SUB-SUB CODE REVISED

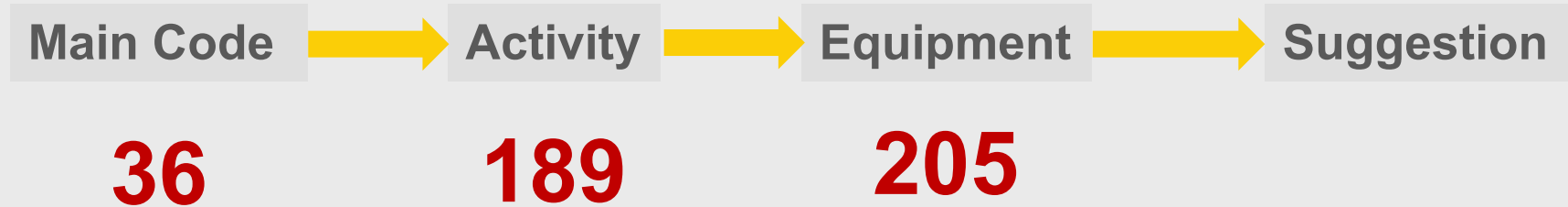
12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	16 Flow Check	100 Conductor	209 Doubles
	12	17 Leak Off / Formation Integrity Test	101 Drive Pipe	210 Singles
	12	2 Rig up	102 Hammer	208 Stands
	12	5 Rig Down	103 Jetting Assembly	
	12	83 Make Up	104 Final Cut Joint	
	12	31 Run	105 Mud Line Equipment	
	12	32 Pull	106 Conductor Tensioners	
	12	84 Drive	107 Casing	
	12	30 Lay Down	65 Drill Pipe	
	12	29 Pick Up	108 Liner	
	12	87 Rack Back	211 Landing String	
	12	85 Jetting	109 Inner String	
	12	86 Soak Time	110 Cement Stand	
	12	88 RIH	111 Downhole Casing Equipment	
	12	89 Land	112 Downhole Cement Equipment	
	12	90 POC		
	12	80 Pres		
	12	92 Circulate	116 Downhole Barrier System	
	12	93 Mill / Dress	118 Flowline	
	12	94 Release	119 Pollution Pan	
	12	95 Hanging	120 Slips	
	12	96 Rough Cut	121 BOP	
	12	97 Set Up	122 Bell Nipple	
	12	98 Displace	123 Cement Head	
	12	99 Mix	124 Cement Lines	
	12	100 Pump	125 Casing Liner Equipment	
	12	102 Lost Circulation	126 Cement Unit	
	12	117 Inflow Test	217 Cement Slurry	
	12		218 Cement Spacer	
	12		219 Plugs	

**Main Code**

**ACTIVITY**

**EQUIPMENT**

# COMBINING CODES PROVIDES FLEXIBILITY!



**Only 205 pieces of equipment and 189 activities are needed to describe the whole drilling process**

**IADC DDR describes structure and provides uniformity – how the codes are combined and in what manner is up to the industry**

# SUB CODE AND SUB-SUB CODE REVISED

12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	16 Flow Check	100 Conductor	209 Doubles
	12	17 Leak Off / Formation Integrity Test	101 Drive Pipe	210 Singles
	12	2 Rig up	102 Hammer	208 Stands
	12	5 Rig Down	103 Jetting Assembly	
	12	83 Make Up	104 Final Cut Joint	
	12	31 Run	105 Mud Line Equipment	
	12	32 Pull	106 Conductor Tensioners	
	12	84 Drive	107 Casing	
	12	30 Lay Down	65 Drill Pipe	
	12	29 Pick Up	108 Liner	
	12	87 Rack Back	211 Landing String	
	12	85 Jetting	109 Inner String	
	12	86 Soak Time	110 Cement Stand	
	12	88 RIH	111 Downhole Casing Equipment	
	12	89 Land	112 Downhole Casing Equipment	
	12	90 POOH	113 Shaker	
	12	91 Function Test	114 Casing, Liner Hanger	
	12	80 Pressure Test	115 Liner Packer	
	12	92 Circulate	116 Downhole Barrier System	
	12	93 Mill / Dress	118 Flowline	
	12	94 Release	119 Pollution Pan	
	12	95 Hanging	120 Slips	
	12	96 Rough Cut	121 BOP	
	12	97 Set Up	122 Bell Nipple	
	12	98 Displace	123 Cement Head	
	12	99 Mix	124 Cement Lines	
	12	100 Pump	125 Casing Liner Equipment	
	12	102 Lost Circulation	126 Cement Unit	
	12	117 Inflow Test	217 Cement Slurry	

12

87

107

208

**12.87.107.208 = Run Casing & Cement, Rack Back, Casing, Stands**

# SUB CODE AND SUB-SUB CODE REVISED

12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	16 Flow Check	100 Conductor	209 Doubles
	12	17 Leak Off / Formation Integrity Test	101 Drive Pipe	210 Singles
	12	2 Rig up	102 Hammer	208 Stands
	12	5 Rig Down	103 Jetting Assembly	
	12	83 Make Up	104 Final Cut Joint	
	12	31 Run	105 Mud Line Equipment	
	12	32 Pull	106 Conductor Tensioners	
	12	84 Drive	107 Casing	
	12	30 Lay Down	65 Drill Pipe	
	12	29 Pick Up	108 Liner	
	12	87 Rack Back	211 Landing String	
	12	85 Jetting	109 Inner String	
	12	86 Soak Time	110 Cement Stand	
	12	88 RIH	111 Downhole Casing Equipment	
	12	89 Land	112 Downhole Casing Equipment	
	12	90 POOH	113 Shaker	
	12	91 Function Test	114 Casing, Liner Hanger	
	12	80 Pressure Test	115 Liner Packer	
	12	92 Circulate	116 Downhole Barrier System	
	12	93 Mill / Dress	118 Flowline	
	12	94 Release	119 Pollution Pan	
	12	95 Hanging	120 Slips	
	12	96 Rough Cut	121 BOP	
	12	97 Set Up	122 Bell Nipple	
	12	98 Displace	123 Cement Head	
	12	99 Mix	124 Cement Lines	
	12	100 Pump	125 Casing Liner Equipment	
	12	102 Lost Circulation	126 Cement Unit	
	12	117 Inflow Test	127 Cement Slurry	

12

87

108

209

**12.87.108.209 = Run Casing & Cement, Rack Back, Liner, Doubles**



# SUB CODE AND SUB-SUB CODE REVISED

12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	16 Flow Check	100 Conductor	209 Doubles
	12	17 Leak Off / Formation Integrity Test	101 Drive Pipe	210 Singles
	12	2 Rig up	102 Hammer	208 Stands
	12	5 Rig Down	103 Jetting Assembly	
	12	83 Make Up	104 Final Cut Joint	
	12	31 Run	105 Mud Line Equipment	
	12	32 Pull	106 Conductor Tensioners	
	12	84 Drive	107 Casing	
	12	30 Lay Down	65 Drill Pipe	
	12	29 Pick Up	108 Liner	
	12	87 Rack Back	211 Landing String	
	12	85 Jetting	109 Inner String	
	12	86 Soak Time	110 Cement Stand	
	12	88 RIH	111 Downhole Casing Equipment	
	12	89 Land	112 Downhole Casing Equipment	
	12	90 POOH	113 Shallow Water	
	12	91 Function Test	114 Casing, Liner Hanger	
	12	80 Pressure Test	115 Liner Packer	
	12	92 Circulate	116 Downhole Barrier System	
	12	93 Mill / Dress	118 Flowline	
	12	94 Release	119 Pollution Pan	
	12	95 Hanging	120 Slips	
	12	96 Rough Cut	121 BOP	
	12	97 Set Up	122 Bell Nipple	
	12	98 Displace	123 Cement Head	
	12	99 Mix	124 Cement Lines	
	12	100 Pump	125 Casing Liner Equipment	
	12	102 Lost Circulation	126 Cement Unit	
	12	117 Inflow Test	217 Cement Slurry	

12

80

107

0

**12.80.107.0 = Run Casing & Cement, Pressure Test, Casing, No Specifics**



# SUB CODE AND SUB-SUB CODE REVISED

12 RUN CASING & CEMENT	12	0 No Specifics	0 No Specifics	0 No Specifics
	12	16 Flow Check	100 Conductor	209 Doubles
	12	17 Leak Off / Formation Integrity Test	101 Drive Pipe	210 Singles
	12	2 Rig up	102 Hammer	208 Stands
	12	5 Rig Down	103 Jetting Assembly	
	12	83 Make Up	104 Final Cut Joint	
	12	31 Run	105 Mud Line Equipment	
	12	32 Pull	106 Conductor Tensioners	
	12	84 Drive	107 Casing	
	12	30 Lay Down	65 Drill Pipe	
	12	29 Pick Up	108 Liner	
	12	87 Rack Back	211 Landing String	
	12	85 Jetting	109 Inner String	
	12	86 Soak Time	110 Cement Stand	
	12	88 RIH	111 Downhole Casing Equipment	
	12	89 Land	112 Downhole Casing Equipment	
	12	90 POOH	113 Shaker	
	12	91 Function Test	114 Casing, Liner Hanger	
	12	80 Pressure Test	115 Liner Packer	
	12	92 Circulate	116 Downhole Barrier System	
	12	93 Mill / Dress	118 Flowline	
	12	94 Release	119 Pollution Pan	
	12	95 Hanging	120 Slips	
	12	96 Rough Cut	121 BOP	
	12	97 Set Up	122 Bell Nipple	
	12	98 Displace	123 Cement Head	
	12	99 Mix	124 Cement Lines	
	12	100 Pump	125 Casing Liner Equipment	
	12	102 Lost Circulation	126 Cement Unit	
	12	117 Inflow Test	217 Cement Slurry	

12

80

126

0

**12.80.126.0 = Run Casing & Cement, Pressure Test, Cement Unit, No Specifics**

**ALL CODES CAN BE ROLLED UP  
INTO THE BASE CODES –  
BACKWARDS COMPATIBLE**

**ADDED CODES ARE NEW  
ACTIVITIES THAT COULD NOT BE  
TRACKED IN THE PAST**

EXISTING + NEW ADDITIONAL		CODE	SU
CODE	OPERATION	CODE	SU
1	RIG UP AND TEAR DOWN	1	
2	DRILLING	2	
3	REAMING	3	
4	DRRING	4	
5	CONDITION MUD & CIRCULATE	5	
6	TRIPS	6	
7	SERVICE RIG	7	
8	REPAIR RIG	8	
9	CUT OFF DRILLING LINE	9	
10	DEVIATION SURVEY	10	
11	WIRELINE LOGS	11	
12	RUN CASING & CEMENT	12	
13	WAIT ON CEMENT	13	
14	RIG UP BOP	14	
15	TEST BOP	15	
16	DRILL STEM TEST	16	
17	PLUG BACK	17	
18	SQUEEZE CEMENT	18	
19	FISHING	19	
20	DIRECTIONAL WORK	20	
21	RUN/RETRIEVE RISER EQUIP.	21	
22	SURFACE TESTING	22	
23	OTHER	23	
24	NON-PRODUCTIVE TIME	24	
25	OPERATING STATUS	25	
26	SAFETY	26	
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29	MISC	29	
A	PERFORATING	30	
B	TUBING TRIPS	31	
C	TREATING	32	
D	SWABBING	33	
E	TESTING	34	
F	SUBSEA INSTALATIONS	35	
G	RESERVED FOR FUTURE IADC USE	36	

# COMING ACTIVITIES

- **Strict division into Activities (Sub-Code) and Equipment (Sub-Sub Code)**
- **Removal of double coding**
- **Preparation of final sheet for comments**
- **State Diagrams for the Activities proposal**
- **Precise Descriptions of Equipment and Activities**

Available for  
comment end of  
October 2018