

EXISTING + NEW ADDITIONAL		PROPOSED NEW						
CODE	OPERATION	CODE	SUB-CODE	SUB-OPERATION (ACTIVITY)	SUB-SUB-CODE	SUB-SUB-OPERATION (EQUIPMENT)	SUB x 3-CODE	SUB x 3-OPERATION
1	RIG UP / TEAR DOWN / MOVE	1	0	No Specifics	0	No Specifics	0	No Specifics
		1	155	Move	2	Jack Up		Dry Tow
		1	221	Level	259	Drilling Vessel		Wet Tow
		1	222	Pre-Load	274	Semi Submersible		Self Propelled
		1	223	Spot	258	Drilling Rig		Self Propeller BOP Deployed
		1	2	Rig Up	252	Buildings		Land
		1	5	Rig Down	261	General Loads		
		1	224	Offload	4	Topdrive		
		1	225	Backload	271	Saltwater Service Tanks		
		1	226	Seafasten	272	Saltwater Service Pumps		
		1	227	Secure	275	Service Lines		
		1	228	Field Arrival Trials	253	Cantilever		
		1	229	Ballast	257	Diverter Line Hangers		
		1	230	Deploy	291	Well Center		
		1	231	Recover	263	Interface Platform		
		1	232	Tension	281	Texas Deck		
		1	66	Calibrate	101	Drive Pipe		
		1	233	Verify location	267	Mooring lines		
		1	234	Winch Off Drill	268	Mooring System		
		1	235	Seabed Survey	264	Legs		
		1	236	Leg penetration test	287	Towing Vessel		
		1	237	Jack Up	278	Spud Boat		
		1	238	Jack Down	250	Anchors		
		1	239	Fill	251	Beacons		
		1	240	Dump	269	Pre-Load Tanks		
		1	241	Skid Out				
		1	242	Skid In				
		1	94	Release				
		1	243	Connect				
		1	244	Hook Up				
		1	32	Pull				
		1	29	Pick Up				
		1	30	Lay Down				
		1	245	Secure				
		1	85	Jetting				
2	DRILLING	2	0	No Specifics	0	No Specifics	0	No Specifics
		2	16	Flow Check	254	Cement		1 No Surface Back Pressure
		2	17	Leak Off / Formation Integrity Test	260	Float Shoe		2 With Surface Back Pressure
		2	18	Topside Drilling	113	Shoe Track		3 Main Well
		2	19	Air Drilling	4	Topdrive		4 Auxiliary Well
		2	20	Casing Drilling	156	Rotary		5 Mousehole
		2	21	Coiled Tubing Drilling	264	Kelly		6 Rat Hole
		2	22	Downhole Motor Drilling	239	Formation		
		2	23	Drills	52	EDS Simulation		
		2	59	Milling				
		2	60	Sliding				
		2	64	Work Pipe				
		2	53	Kick Detection				
		2	54	Hole Opening				
		2	55	Clean				
3	REAMING	3	0	No Specifics	0	No Specifics	0	No Specifics
		3	16	Flow Check	64	Coiled Tubing		
		3	24	Back Reaming	65	Drill Pipe		
		3	25	Under Reaming	66	LWD		
		3	26	Open Hole Reaming				
		3	27	Cement Reaming				
4	CORING	4	0	No Specifics	0	No Specifics	0	No Specifics
		4	16	Flow Check	67	Inner Barrel		
		4	28	Cutting	68	Outer Barrel		

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		4	29	Pick Up	65	Drill Pipe		
		4	30	Lay Down	64	Coiled Tubing		
		4	90	POOH	256	Cores		
		4	88	RIH				
5	CIRCULATE & CONDITION MUD	5	0	No Specifics	0	No Specifics	0	No Specifics
		5	16	Flow Check	283	To Oil Base		
		5	246	Build volume	285	To Water Base		
		5	55	Clean	282	To Completion		
		5	98	Displace	284	To Underbalanced		
		5	247	Blow/unload hole	289	Weigh Up		
		5	92	Circulate	288	Weigh down		
		5	102	Lost Circulation	270	Riser		
		5	248	Stab in cementation	273	Section TD		
		5	249	Pump up survey				
		5	250	Slow Pump Rate				
		5	251	Change Out				
6	TRIPS	6	0	No Specifics	0	No Specifics	0	No Specifics
		6	16	Flow Check	65	Drill Pipe		
		6	29	Pick Up	80	BHA		
		6	30	Lay Down	81	Cement Stinger		
		6	42	Transfer	64	Coiled Tubing		
		6	90	POOH	82	3rd Party Systems		
		6	88	RIH	206	Fluid Actions		
		6	55	Clean	84	Well condition Check Trip		
		6	63	Inspection	83	Well Evaluation using BHA		
		6	252	Wiper Trip	230	Offline Pipe Handling Equipment		
		6	253	Wash In	207	Surface Equipment		
		6	100	Pump	276	Slug		
		6	254	Fill	279	String		
		6	255	Compensate through BOP	262	Hole		
		6	256	Evaluate	290	Well		
		6	257	Nipple Up	293	Reaming tool		
		6	258	Nipple Down	294	Coring tool		
		6			295	Scientific tool		
7	SERVICE/MAINTAIN RIG	7	0	No Specifics	0	No Specifics	0	No Specifics
		7	56	Scheduled Maintenance	87	Power Generation	4	Top drive
		7	57	Unscheduled Maintenance	88	Mud system	85	Mud pump
		7	58	Condition Based Maintenance	89	Well Control	86	Drawworks
		7	55	Clean	90	Hoisting/lifting	231	Rig Floor
		7	62	Change	91	Marine Systems	232	Pumps
		7	61	Test	92	Structural	194	Screens
		7	65	Burn Test	93	Tubulars	233	Pump Head
		7	66	Calibrate	82	3rd Party Systems	214	Caliper
		7	67	Load Test			215	Brake
		7					216	Sensors
8	REPAIR RIG	8	0	No Specifics	0	No Specifics	0	No Specifics
		8	68	Expendables	4	Topdrive		
		8	69	Electrical	85	Mud pump		
		8	70	Mechanical	86	Drawworks		
		8	71	Hydraulics	87	Power Generation		
		8	72	Instrumentation	88	Mud system		
		8	73	Painting	89	Well Control		
		8			90	Hoisting/lifting		
		8			91	Marine Systems		
		8			92	Structural		
		8			93	Tubulars		
		8			82	3rd Party Systems		
9	CUT OFF DRILLING LINE	9	0	No Specifics	0	No Specifics	0	No Specifics
		9	74	Slip & Cut	94	Drill Line	3	Main Well

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		9	75	Install & Slip		95 Drill Line Spool		4 Auxiliary Well
10	DEVIATION SURVEY	10	0	No Specifics		0 No Specifics		0 No Specifics
		10	76	Single Shot Survey		96 Wireline		
		10	77	Multi - Shot Survey				
		10	78	Deviation Survey				
11	WIRELINE LOGS	11	0	No Specifics		0 No Specifics		0 No Specifics
		11	1	Logging		97 Cased Hole		
		11	2	Rig Up		64 Coiled Tubing		
		11	5	Rig Down		98 Open Hole		
		11	31	Run		99 Integrity		
		11	80	Pressure Test		96 Wireline		
		11	81	Tool string operations		65 Drill pipe		
		11	94	Release		148 Downhole Equipment		
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	Soaking		110 Cement Stand		
		12	88	RIH		111 Downhole Casing Equipment		
		12	89	Land		112 Downhole Cement Equipment		
		12	90	POOH		113 Shoe Track		
		12	91	Function Test		114 Casing / Liner Hanger		
		12	80	Pressure Test		115 Liner Packer		
		12	92	Circulate		116 Downhole Barrier System		
		12	59	Milling		120 Slips		
		12	94	Release		123 Cement Head		
		12	95	Hanging		124 Cement Lines		
		12	96	Rough Cut		125 Casing Liner Equipment		
		12	97	Set Up		126 Cement Unit		
		12	98	Displace		217 Cement Slurry		
		12	99	Mix		218 Cement Spacer		
		12	100	Pump		219 Plugs		
		12	102	Lost Circulation				
		12	117	Inflow Test				
13	WAIT ON CEMENT	13	0	No Specifics		0 No Specifics		0 No Specifics
		13	16	Flow Check				
		13	17	Leak Off / Formation Integrity Test				
14	RIG UP BOP	14	0	No Specifics		0 No Specifics		0 No Specifics
		14	66	Calibrate		127 Casing Head		
		14	62	Change		128 Wellhead		
		14	106	Energize		129 Diverter		
		14	107	De-Energize		130 Overshot		
		14	108	Pressurize		122 Bell Nipple		
		14	109	De-Pressurize		131 Spool Adapter		
		14	122	Pressurize Down		132 Control Lines		
		14	121	Pressurize Up		133 Surface Lines		
		14	126	Disengage and pull		134 Choke & Kill Lines		
		14	104	Final Cut & Dress		135 Overboard Lines		
		14	89	Land		136 Flow Line		
		14	110	Lock		234 Ram		

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		14	29	Pick Up	121	BOP		
		14	32	Pull	235	Wear Bushing		
		14	259	Set Back	237	Support String		
		14	260	Secure	137	Riser Tensioners		
		14	5	Rig Down				
		14	2	Rig Up				
		14	31	Run				
		14	123	Engage				
		14	113	Set				
		14	74	Slip & Cut				
		14	105	Survey				
		14	115	Transport				
		14	124	Unlatch				
		14	111	Unlock				
15	TEST BOP	15	0	No Specifics	0	No Specifics	0	No Specifics
		15	91	Function Test	121	BOP		Surface
		15	80	Pressure Test	129	Diverter		Subsea
		15	23	Drills	122	Bell Nipple		BSR-Surface
		15	133	OverPull Test	131	Spool Adapter		BSR-Subsea
		15	85	Jetting	128	Wellhead		
		15	29	Pick Up	128	Secondary Control System		
		15	30	Lay Down	140	Emergency Control System		
		15	31	Run	141	WH/BOP connector test		
		15	137	Set	142	Surface Equipment other than Choke Manifold		
		15	32	Pull	143	Choke Manifold		
		15	90	POOH	144	Testing Tools		
		15	88	RIH	145	Test Plug		
		15			146	Wear Bushing		
		15			280	Stripping		
		15			277	Space Out		
16	DRILL STEM TEST	16	0	No Specifics	0	No Specifics	0	No Specifics
		15	29	Pick Up	238	Test Tools		
		15	30	Lay Down	239	Formation		
		16	90	POOH				
		16	88	RIH				
		16	61	Test				
17	PLUG BACK	17	0	No Specifics	0	No Specifics	0	No Specifics
		17	100	Pump	65	Drill Pipe		
		17	144	Spot	64	Coiled Tubing		
		17	137	Set	147	Mechanical Plug		
		17	94	Release	148	Downhole Equipment		
		17	145	Weight Test	149	Open Hole Barrier		
		17			254	Cement		
18	SQUEEZE CEMENT	18	0	No Specifics	0	No Specifics	0	No Specifics
		18	80	Pressure Test	148	Downhole Equipment		
		18	91	Function Test	133	Surface lines		
		18	146	Squeeze	151	Planned		
		18	137	Set	65	Drill Pipe		
		18	94	Release	64	Coiled Tubing		
19	FISHING	19	0	No Specifics	0	No Specifics	0	No Specifics
		19	147	Jarring	96	Wireline		
		19	148	Fishing	65	Drill Pipe		
		19	59	Milling				
		19	150	Handling				
		19	151	Waiting				
		19	152	Tripping				
20	DIRECTIONAL WORK	20	0	No Specifics	0	No Specifics	0	No Specifics
		20	16	Flow Check	286	Tool		
		20	17	Leak Off / Formation Integrity Test	65	Drill Pipe		

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CODE	OPERATION	CODE	SUB-CODE	SUB-OPERATION (ACTIVITY)	SUB-SUB-CODE	SUB-SUB-OPERATION (EQUIPMENT)	SUB x 3-CODE	SUB x 3-OPERATION
		20	2	Rig Up	64	Coiled Tubing		
		20	5	Rig Down	292	Window		
		20	155	Move				
		20	156	Drilling				
		20	157	Tool orientation				
		20	59	Milling				
		20	28	Cutting				
21	RUN/RETRIEVE RISER EQUIP.	21	0	No Specifics	0	No Specifics	0	No Specifics
		21	2	Rig Up	152	Drilling Riser		
		21	5	Rig Down	153	Completion Workover Riser		
		21	159	Install	121	BOP		
		21	61	Test	154	LMRP		
		21	161	Commission	155	Slipjoint		
		21	31	Run	129	Diverter		
		21	162	Retrieve	156	Rotary		
		21	89	Land	157	Spider Gimbal		
		21	163	Latch	158	MRT Ring		
		21	124	Unlatch	128	Wellhead		
		21	165	Pull Test	132	Control Lines		
		21	80	Pressure Test	159	Landing Joint		
		21	110	Lock	160	Bails / Elevators		
		21	166	Transfer Weight	161	Storm Loop		
		21	94	Release	162	Gooseneck		
		21	167	Move Over	163	ADCP		
		21	168	Move Off	164	Bullseye		
		21	169	Scope	165	Riser Recoil System		
		21	29	Pick Up	166	ROV		
		21	30	Lay Down				
		21	55	Clean				
		21	171	Change to Drilling				
		21	172	Change to Riser Running				
22	SURFACE TESTING	22	0	No Specifics	0	No Specifics	0	No Specifics
23	OTHER	23	0	No Specifics	0	No Specifics	0	No Specifics
24	NON-PRODUCTIVE TIME	24	0	No Specifics	0	No Specifics	0	No Specifics
		24	173	Investigation	167	Safety		
		24	174	Standdown	240	Accident		
		24	151	Waiting	241	Incident		
		24	178	Trip Interruption	168	Cementer		
		24	179	Stuck Pipe	169	Contractor		
		24	147	Jarring	170	Crew General		
		24	180	Post Jarring Inspection	171	Crew - Welder		
		24	184	Rig Positioning	172	Daylight		
		24			173	Equipment		
		24			174	Lease/Location		
		24			175	Loggers		
		24			176	Operator		
		24			177	Orders		
		24			178	Third Party Tools		
		24			179	Third Party Personnel		
		24			180	Tongs		
		24			181	Trucks		
		24			182	Water		
		24			183	Weather		
25	OPERATING STATUS	25	0	No Specifics	0	No Specifics	0	No Specifics
		25	181	Idle Not Under Contract	185	Paid - Full Dayrate		
		25	182	Idle Under Contract	186	Paid - Reduced Dayrate		
		25	183	Pre-Operating	187	Unpaid		
		25	184	Force Majeur				
		25	185	Yard / Dock Maintenance				

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CODE	OPERATION	CODE	SUB-CODE	SUB-OPERATION (ACTIVITY)	SUB-SUB-CODE	SUB-SUB-OPERATION (EQUIPMENT)	SUB x 3-CODE	SUB x 3-OPERATION
		25	186	Stacked - Cold				
		25	187	Stacked - Warm				
26	SAFETY	26	0	No Specifics		0 No Specifics		0 No Specifics
		26	188	Talk		242 Rig Floor		
		26	189	Training		243 Ballast System		
		26	55	Clean		244 Mud Pits		
		26	191	Job Safety Analysis		245 Combustable Gas		
		26	23	Drills		246 H2S		
		26				247 Boat		
		26				248 Personnel		
		26				249 Toolbox		
27	WELL CONTROL	27	0	No Specifics		0 No Specifics		0 No Specifics
		27	16	Flow Check		188 Bull Heading		
		27	197	Shut in on Well		189 Wait on Weight		
		27	198	Well Pressure build up		190 Drillers Method		
		27	199	Weighing up Kill Mud				
		27	200	Well Kill				
		27	201	Diverting				
28	COILED TUBING	28	0	No Specifics		0 No Specifics		0 No Specifics
		28	2	Rig Up		64 Coiled Tubing		
		28	5	Rig Down		255 Coil		
		28	62	Change				
		28	88	RIH				
		28	90	POOH				
		28	1	Logging				
29	MISC	29	0	No Specifics		0 No Specifics		0 No Specifics
		29	203	Rig Modifications		173 Equipment		
		29	159	Install		213 Software		
		29	101	Removal		220 Deck Management and Securing Equipment on Deck		
		29	61	Test		221 Internal Rig Transfer of Vessel Liquids		
		29	138	Trial		222 Off-loading		
		29	63	Inspection		223 On-loading		
		29	139	Welding		224 Bunkering of Fuel Oil		
		29	153	Preparation		225 Handle Casing, Marine Riser, Drillpipe, Drillcollars on Deck		
		29	154	Verification		226 Handling Hazardous Well Fluids On Deck		
		29	204	Logistical Activities		227 Internal		
		29	205	Supply Vessel Operations		228 Landing and Departures		
		29	206	Crane Operations		229 Refueling		
		29	207	Helicopter Operations				
		29	208	Radio Silence				
		29	209	Exporting from wells				
30	PERFORATING	30	0	No Specifics		0 No Specifics		0 No Specifics
		30	2	Rig Up		191 Perforating Guns		
		30	5	Rig Down		65 Drill Pipe		
		30	210	Perforating		96 Wireline		
		30	211	Shut In Well Perforating				
31	TUBING TRIPS	31	0	No Specifics		0 No Specifics		0 No Specifics
		31	2	Rig Up		192 Tubing		
		31	5	Rig Down		193 Production Tubing		
		31	88	RIH				
		31	90	POOH				
		31	91	Function Test				
		31	80	Pressure Test				
		31	42	Transfer				
32	TREATING	32	0	No Specifics		0 No Specifics		0 No Specifics
		32	2	Rig Up		194 Screens		
		32	5	Rig Down		195 Workstring		
		32	88	RIH		109 Inner String		

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		32	90	POOH	196	Surface Treating Equipment		
		32	91	Function Test	64	Coiled Tubing		
		32	80	Pressure Test				
		32	212	Treatment				
		32	213	Stimulate				
		32	214	Gravel Packing				
		32	215	Frac Packing				
		32	216	Sand Control				
33	SWABBING	33	0	No Specifics	0	No Specifics	0	No Specifics
34	TESTING	34	0	No Specifics	0	No Specifics	0	No Specifics
		34	217	Flow Period	197	Well Testing		
		34	218	Shut-in Period	128	Wellhead		
		34	2	Rig Up	198	Subsea Test Tree		
		34	5	Rig Down	199	Downhole Valve Assembly		
		34	91	Function Test	200	Perform Inflow Test		
		34	80	Pressure Test	201	Well Test Equipment		
		34	94	Release	202	Completion Landing String		
		34	31	Run				
		34	32	Pull				
		34	42	Transfer				
35	SUBSEA INSTALATIONS	35	0	No Specifics	0	No Specifics	0	No Specifics
		35	2	Rig Up	203	Hanger		
		35	5	Rig Down	204	Xmas Tree		
		35	88	RIH	128	Wellhead		
		35	90	POOH	96	Wireline		
		35	91	Function Test	205	Slick Line		
		35	80	Pressure Test				
		35	94	Release				
		35	31	Run				
		35	159	Install				
		35	220	Remove				
36	RESERVED FOR FUTURE IADC USE	36	0	No Specifics	0	No Specifics	0	No Specifics
37	RESERVED FOR FUTURE IADC USE	37	0	No Specifics	0	No Specifics	0	No Specifics