ID		Linked Fields	Task Name	Customer milestone	Duration	Work	
0		No	**CMA Redesign Build Phase**	**No**	**125 days?**	**8,824.08 hrs**	
1		No	**Control**	**No**	**125 days**	**1,600 hrs**	
2		Yes	Manage project	No	121 days	500 hrs	
3		Yes	Weekly project team meetings	No	121 days	500 hrs	
4		Yes	Weekly project status reports	No	121 days	200 hrs	
5		Yes	Monthly stakeholder updates	No	121 days	200 hrs	
6		Yes	Identify and resolve issues and risks	No	121 days	200 hrs	
7		No	**Initiate**	**No**	**0.65 days**	**9 hrs**	
8		No	Update list of key stakeholders	No	0.28 days	4 hrs	
9		No	Develop project org chart	No	0.28 days	4 hrs	
10		No	Build Project kick off	Yes	0.08 days	1 hr	
11		No	Project kick off meeting complete	Yes	0 days	0 hrs	
12		No	Initiate complete	No	0 days	0 hrs	
13		No	**Plan**	**No**	**15 days**	**656 hrs**	
14		No	**Detailing Technical Design Document**	**No**	**15 days**	**576 hrs**	
15		No	**Technical Specification**	**No**	**14 days**	**576 hrs**	
16		No	**CMA Application**	**No**	**14 days**	**576 hrs**	
17		No	**Security Implementation**	**No**	**14 days**	**112 hrs**	
18		No	Analysis of Security Implementation in CMA	No	9 days	72 hrs	
19		No	Analysis of 'Reseller Access' role approvers for each BU to be assigned in GS3	No	5 days	40 hrs	
20		No	**Allocation Process**	**No**	**14 days**	**112 hrs**	
21		No	Analysis on how to get billings and bookings from COSB	No	2 days	16 hrs	
22		No	Analysis on how to get backlogs from Delivery Scoreboard	No	2 days	16 hrs	
23		No	Analysis on how to retrieve POS data from GBL POS	No	2 days	16 hrs	
24		No	Analysis on how to derive bookings for CMs defined in CMS as buying thru Distribution from OEM Mapping Rules and Resellers table	No	2 days	16 hrs	
25		No	Analysis on how to derive bookings for CMs defined in CMS as buying thru Distribution from OEM Mapping Rules and Resellers table	No	2 days	16 hrs	
26		No	Analysis on how to get the OEM Account Number if not available in OEM Mapping rules	No	2 days	16 hrs	
27		No	Analysis on how to get the Customer/Reseller Org ID if not available in OEM Mapping rules	No	2 days	16 hrs	
28		No	Historical Data Reorganization - DTO	No	10 days	80 hrs	
29		No	CM Delete Process	No	6 days	48 hrs	

ID	ⓘ	Linked Fields	Task Name	Customer milestone	Duration	Work	
30		**No**	**Profit Center hierarchy**	**No**	**14 days**	**112 hrs**	
31		No	Flexible to absorb changes to profit center hierarchy	No	10 days	80 hrs	
32		No	Approval procedure for Business Unit with no code change	No	4 days	32 hrs	
33		No	Database changes	No	14 days	112 hrs	
34	▦	No	APEX App Changes	No	10 days	0 hrs	
35	▦	No	Analyzer App Changes	No	10 days	0 hrs	
36	▦	No	TED Changes	No	10 days	0 hrs	
37	▦▨	No	Review of Technical Spec	Yes	5 days	0 hrs	
38	▨	**No**	**Develop Test plan**	**No**	**10 days**	**80 hrs**	
39	▦▨	No	Test Plan	No	10 days	80 hrs	
40		**No**	**Execute**	**No**	**107 days?**	**6,446.08 hrs**	
41	▨	**No**	**Build & Unit Test**	**No**	**62 days**	**4,026.08 hrs**	
42	▦	No	Hand off to Build Team	Yes	0 days	0 hrs	
43		**No**	**CMA Application Changes**	**No**	**58 days**	**2,664 hrs**	
44	▨	**No**	**Navigation Panel Changes**	**No**	**6 days**	**48 hrs**	
45		No	Remove the Data Correction Section	No	1.5 days	12 hrs	
46	▦	**No**	**Data Entry Section**	**No**	**4.5 days**	**36 hrs**	
47		No	Create Allocation Rules	No	1.5 days	12 hrs	
48		No	Download Allocation Rules / Conflict	No	1.5 days	12 hrs	
49		No	Delete CM	No	1.5 days	12 hrs	
50		**No**	**Security Implementation**	**No**	**40 days**	**320 hrs**	
51		No	Detailed investigation and Setup of Reseller Access - Security role	No	10 days	80 hrs	
52		No	Detailed investigation and Setup of Reseller Approver Roles for each BU	No	10 days	80 hrs	
53		No	Detailed investigation and Setup of Multi Industry Access	No	10 days	80 hrs	
54		No	Alternate user territory	No	10 days	80 hrs	
55		**No**	**Allocation process**	**No**	**48 days**	**384 hrs**	
56		**No**	**CM allocation screen changes**	**No**	**25 days**	**200 hrs**	
57		No	Change in screen design as per new template	No	10 days	80 hrs	
58		No	Validation of data & fields as per new design	No	15 days	120 hrs	
59		**No**	**New screen for Adding rules**	**No**	**23 days**	**184 hrs**	
60		No	New screen design	No	8 days	64 hrs	
61		No	Validation of data and fields	No	15 days	120 hrs	
62		**No**	**CM deletion process**	**No**	**13 days**	**104 hrs**	
63		No	Design new screen for Deleting CM and its related rules	No	6 days	48 hrs	

ID	Linked Fields	Task Name	Customer milestone	Duration	Work
64	No	Define Deletion Rules process	No	7 days	56 hrs
65	**No**	**Screen Changes**	**No**	**23 days**	**184 hrs**
66	No	Modify Delegates screen to use new tables	No	5 days	40 hrs
67	No	Modify Designate OEM Approver to use new tables	No	5 days	40 hrs
68	No	Allocation Approval Process(Screen design Change)	No	10 days	80 hrs
69	No	Modify the Sales Allocation Review screen to display new reports	No	3 days	24 hrs
70	**No**	**Upload Process**	**No**	**49 days**	**320 hrs**
71	No	Update exsiting screen for Uploading rule for All BU	No	15 days	120 hrs
72	No	Implement Security changes for Upload rules	No	10 days	80 hrs
73	**No**	**Implement New upload process**	**No**	**24 days**	**120 hrs**
74	No	New Excel Template in CMA	No	7 days	56 hrs
75	No	Validation of data & fields during upload	No	8 days	64 hrs
76	**No**	**Profit center hierarchy Approval**	**No**	**10 days**	**80 hrs**
77	No	Flexible to absorb changes to profit center hierarchy	No	5 days	40 hrs
78	No	Approval procedure for Business Unit with no code change	No	5 days	40 hrs
79	**No**	**Download process**	**No**	**27 days**	**216 hrs**
80	No	New Master screen for Downloading - Rule/Conflicts	No	15 days	120 hrs
81	No	New screen for Conflict download	No	12 days	96 hrs
82	**No**	**CMA Report changes:**	**No**	**28 days**	**288 hrs**
83	**No**	**Create 4 new reports for bookings and backlogs**	**No**	**27 days**	**128 hrs**
84	No	Booking Allocation Summary Report	No	4 days	32 hrs
85	No	Booking Allocation Detail Report	No	4 days	32 hrs
86	No	Backlog Allocation Summary Report	No	4 days	32 hrs
87	No	Backlog Allocation Detail Report	No	4 days	32 hrs
88	**No**	**Modify existing CMA 4 reports**	**No**	**20 days**	**160 hrs**
89	No	Sales Allocation Summary report - Get data from the new tables amd a link to display rules applied to the billing transaction	No	5 days	40 hrs
90	No	Sales Allocation detail report - Get data from new tables and add a link to display rules applied to the billing transaction	No	5 days	40 hrs
91	No	Contract Manufacturer's Unallocated Sales - Get data from the new tables	No	5 days	40 hrs
92	No	Allocatons Split Views - All OEMs, All CMs - Get data from the new tables	No	5 days	40 hrs
93	**No**	**Database Changes**	**No**	**58 days**	**592 hrs**
94	No	New Table creation Scripts & schema creation (around 30)	No	7 days	56 hrs
95	No	Create new views and modifying existing views	No	5 days	40 hrs

ID		Linked Fields	Task Name	Customer milestone	Duration	Work
96		**No**	**Database job changes (Daily/Weekly):**	**No**	**36 days**	**288 hrs**
97		No	Create a routine for saving WWAC and Customer rules for Analyzer everytime DND uploads the OEM mapping rule	No	2 days	16 hrs
98		No	Modify routine for AUT/ICT allocation rule change approval process to use the new tables	No	2 days	16 hrs
99		No	Create a daily batch process that will retrieve billings from COSB table	No	2 days	16 hrs
100		No	Create a daily batch process that will retrieve bookings from COSB table	No	2 days	16 hrs
101		No	Create a batch process that will retrieve POS data from GBL POS	No	2 days	16 hrs
102		No	Create a daily batch process that will retrieve backlogs for Delivery Scorecard	No	2 days	16 hrs
103		No	Create a daily batch process that will derive bookings for CMs defined in CMS as buying thru Distribution from OEM Mapping Rules and Resellers table	No	2 days	16 hrs
104		No	Create a daily batch process that will allocate billings for the current month	No	2 days	16 hrs
105		No	Create a daily batch process that will allocate bookings for the current month	No	2 days	16 hrs
106		No	Create a daily batch process that will allocate backlogs for the current month	No	2 days	16 hrs
107		No	Create a daily batch process that will allocate historical data	No	2 days	16 hrs
108		No	Create a weekly batch process that will update GBL CMA with allocated billings from CMA Daily Billings for the current month	No	2 days	16 hrs
109		No	Create a batch process that will update POS bookings with data from CMA Daily Bookings for the current month	No	2 days	16 hrs
110		No	Create a daily batch process that will allocate billings for previous current months, if applicable	No	2 days	16 hrs
111		No	Create a daily batch process that will allocate bookings for previous current months, if applicable	No	2 days	16 hrs
112		No	Create a daily batch process that will allocate backlogs for the current month	No	2 days	16 hrs
113		No	Create a weekly batch process that will update GBL CMA with allocated billings from CMA Daily Billings for previous current months, if applicable	No	2 days	16 hrs
114		No	Create a batch process that will update POS bookings with data from CMA Daily Bookings for previous months, if applicable	No	2 days	16 hrs
115		**No**	**Control-M Changes**	**No**	**10 days**	**136 hrs**
116	▦	No	Modify the process that copies current month's rules for DNDG BU. It should now be applied to all Bus and will be done monthly (SOLAR#CMPS2500)	No	3 days	24 hrs
117		No	Modify the process that sends notification emails to Sales Engineers and CMA Administrators about unallocated sales. Runs every 14th and 28th of each month. It should now use the new tables (SOLAR#CMPS9000)	No	3 days	24 hrs
118		No	Modify daily processes (SOLAR#CMPS8000) to use the new tables	No	3 days	24 hrs

ID		Linked Fields	Task Name	Customer milestone	Duration	Work
119		No	Remove the monthly data load process (SOLAR#CMPS2000)	No	2 days	16 hrs
120		No	Remove the monthly indirect sales publish process (SOLAR#CMPS3000)	No	2 days	16 hrs
121		No	Field mapping (COSB, GBL POS, Delivery Scorecard)	No	2 days	16 hrs
122		No	Update CMP sizing sheet for schema size	No	2 days	16 hrs
123		No	Backed Off transactions	No	9 days	72 hrs
124		No	Historical Data Reorganization - DTO Changes	No	16 days	128 hrs
125		**No**	**Analyser Changes**	**No**	**49 days**	**720 hrs**
126		**No**	**Database changes**	**No**	**13 days**	**184 hrs**
127		No	(Daily) Create tables for CMA data storage, including booking, billing and backlog.	No	4 days	32 hrs
128		No	(Daily) Create tables to keep reorganized data definitions of following dimensions: Region DD1 (Asia + EURO + Amercas) -- Region DD (Asia - JP / KR / Asia exc JPKR) -- Sub Region (under Region DD1 --> Region DD) -- OEM(provided by CMA) / KAM / Global-Loc	No	3 days	24 hrs
129		No	(Daily) Base on the design of reports, create dimensions and measures tables for cubes usage	No	3 days	24 hrs
130		No	(Weekly) Create tables for CMA data storage, including booking, billing and backlo	No	2 days	16 hrs
131		No	(Weekly) Create tables to keep reorganized data definitions of following dimensions: Region DD1 (Asia + EURO + Amercas) -- Region DD (Asia - JP / KR / Asia exc JPKR) -- Sub Region (under Region DD1 --> Region DD) -- OEM(provided by CMA) / KAM / Global-Lo	No	2 days	16 hrs
132		No	(Weekly) Base on the design of reports, create dimensions and measures tables for cubes usage	No	2 days	16 hrs
133		No	(Monthly) Create tables for CMA data storage, including booking, billing and backl	No	2 days	16 hrs
134		No	(Monthly) Create tables to keep reorganized data definitions of following dimensions: Region DD1 (Asia + EURO + Amercas) -- Region DD (Asia - JP / KR / Asia exc JPKR) -- Sub Region (under Region DD1 --> Region DD) -- OEM(provided by CMA) / KAM / Global-L	No	2 days	16 hrs
135		No	(Monthly) Base on the design of reports, create dimensions and measures tables for cubes usage	No	3 days	24 hrs
136		**No**	**SSIS - Download Data from CMA**	**No**	**17 days**	**216 hrs**
137		No	(Daily) Create SSIS task: -- download data from CMA -- reorganize and apply data definitions -- prepare dimensions and measures -- deploy cube	No	10 days	80 hrs
138		No	(Weekly) Create SSIS task: -- download data from CMA -- reorganize and apply data definitions -- prepare dimensions and measures -- deploy cube	No	9 days	72 hrs

ID	Linked Fields	Task Name	Customer milestone	Duration	Work
139	No	(Monthly) Create SSIS task: -- download data from CMA -- reorganize and apply data definitions -- prepare dimensions and measures -- deploy cube	No	8 days	64 hrs
140	**No**	**SSAS TASK**	**No**	**11 days**	**96 hrs**
141	No	(Daily) Create dimensions and measures based on report design	No	4 days	32 hrs
142	No	(Weekly) Create dimensions and measures based on report design	No	4 days	32 hrs
143	No	(Monthly) Create dimensions and measures based on report design	No	4 days	32 hrs
144	**No**	**Analyzer Reports**	**No**	**10 days**	**136 hrs**
145	No	(Daily) Create analytical reports based on top managements' requirements	No	7 days	56 hrs
146	No	(Weekly) Create analytical reports based on top managements' requirements	No	5 days	40 hrs
147	No	(Monthly) Create analytical reports based on top managements' requirements	No	5 days	40 hrs
148	**No**	**SSRS Daily Reports**	**No**	**2 days**	**32 hrs**
149	No	(Daily) Create daily reports based on top managements' requirements	No	2 days	16 hrs
150	No	(Daily) Create daily report delivery programs	No	2 days	16 hrs
151	**No**	**Windows Task Schedulers**	**No**	**4 days**	**56 hrs**
152	No	(Daily) Create download and monitoring task schedulers in the windows system	No	3 days	24 hrs
153	No	(Weekly) Create download and monitoring task schedulers in the windows system	No	2 days	16 hrs
154	No	(Monthly) Create download and monitoring task schedulers in the windows syster	No	2 days	16 hrs
155	**No**	**Update Technical Design Document**	**No**	**2 days**	**0 hrs**
156	No	Analyser Changes	No	2 days	0 hrs
157	**No**	**APEX Changes**	**No**	**18.26 days**	**146.08 hrs**
158	**No**	**Control-M**	**No**	**1 day**	**8 hrs**
159	No	SOLAR#PEXSEXTRACTINDIRECTCMA-EOM	No	0.25 days	2 hrs
160	No	SOLAR#PEXSEXTRACTINDIRECTCMA-WEEKLY	No	0.25 days	2 hrs
161	No	SOLAR#PEXSEXTRACTINDIRECTCMA3	No	0.25 days	2 hrs
162	No	Restate Indirect Channel Inside – CMA	No	0.25 days	2 hrs
163	**No**	**Oracle**	**No**	**9.76 days**	**78.08 hrs**
164	No	PEX_EXTRACT_INDIRECT_TRANS_CMA	No	2 days	16 hrs
165	No	PEX_EXTRACT_INDIRECT_TRANS	No	1 day	8 hrs
166	No	Restate Indirect Channel Inside	No	0.25 days	2 hrs
167	No	Restate Indirect Channel Inside - POS	No	2 days	16 hrs
168	No	Restate Indirect Channel Inside - CMA	No	2 days	16 hrs
169	No	Export Procedure for Indirect Extract for CMA (Task 2.1)	No	0.25 days	2 hrs
170	No	Export Procedure for "Restate Indirect Channel Inside - POS" (Task 2.4)	No	0.25 days	2 hrs
171	No	Export Procedure for "Restate Indirect Channel Inside - CMA" (Task 2.5)	No	0.25 days	2 hrs

ID		Linked Fields	Task Name	Customer milestone	Duration	Work	
172		No	Pex_Sale_Tran_Cube: CMA_FLAG and CMA_EXCEL_FLAG	No	0.25 days	2 hrs	
173		No	Pex_Indirect_Transaction: CMA_ROWID, DIR_RUN_ID, CMA_ADJUSTED_SPLIT_PCT, SUMAVG_BY_RULE_TYPE_ID, SUM_UP_BY_RULE_TYPE_ID, DELETE_IND, ALLOCATION_RULE_ID_SEQ, SPLIT_PCT_SUM_UP, DIR_TXN_TYPE, DIR_AMT, DIR_QTY, DIR_TXN_ID	No	0.25 days	2 hrs	
174		No	PEX_EXT_INDIRECT_CMA_MONTHLY.pkb (CMA Phase I & II)	No	0.25 days	2 hrs	
175		No	PEX_EXT_INDIRECT_CMA_WEEKLY.pkb (CMA Phase I & II)	No	0.25 days	2 hrs	
176		No	PEX_EXT_INDIRECT_CMA_PHASE3.PKB (CMA Phase III)	No	0.25 days	2 hrs	
177		No	PEX_CMA_PARAMETERS	No	0.13 days	1.02 hrs	
178		No	PEX_PRICING_RULE_TABLE	No	0.13 days	1.02 hrs	
179		No	PEX_PRICING_RULE_TABLE_EXCEL	No	0.13 days	1.02 hrs	
180		No	PEX_INDIRECT_TRANSACTIONS_HIST	No	0.13 days	1.02 hrs	
181		**No**	**SQL Server**	**No**	**1.5 days**	**12 hrs**	
182		No	removeDCFYCurrent_noBKprice	No	0.25 days	2 hrs	
183		No	removeDCFYCurrent_withBKprice	No	0.25 days	2 hrs	
184		No	removeDCFYCurrentMinus1_noBKprice	No	0.25 days	2 hrs	
185		No	removeDCFYCurrentMinus1_withBKprice	No	0.25 days	2 hrs	
186		No	removeDCFYCurrentMinus2_noBKprice	No	0.25 days	2 hrs	
187		No	removeDCFYCurrentMinus2_withBKprice	No	0.25 days	2 hrs	
188		**No**	**APEX UI**	**No**	**2 days**	**16 hrs**	
189		No	Dimension name Forecast Type	No	1 day	8 hrs	
190		No	Dimension name Rule type	No	1 day	8 hrs	
191	🗔	No	Unit Testing	No	4 days	32 hrs	
192		**No**	**TED Changes**	**No**	**36 days**	**0 hrs**	
193	🗔	No	TED 1.0 Code change for Distributors Staging Table GBL_DISTRIBUTORS	No	11.25 days	0 hrs	
194	🗔	No	Table structure (GBL_CMA)	No	5.63 days	0 hrs	
195	🗔	No	Re Writing existing Programs to reference GBL_CMA and GBL_DISTRIBUTORS	No	5.63 days	0 hrs	
196	🗔	No	New GBL_POS View to Combined Data	No	5.63 days	0 hrs	
197	🗔	No	TED 1.0 Downstream application Testing (Unit Testing)	No	7.88 days	0 hrs	
198		**No**	**Code Review**	**No**	**17 days**	**0 hrs**	
200		No	Design Test Cases	Yes	62 days	496 hrs	
201		**No**	**System Integration Testing**	**No**	**23 days**	**1,152 hrs**	
202		**No**	**Move for System testing**	**No**	**1 day**	**64 hrs**	
203	🗔	No	Code Move to QA	No	1 day	32 hrs	

ID		Linked Fields	Task Name	Customer milestone	Duration	Work	
204	▦	No	Data move to QA	No	1 day	32 hrs	
205		**No**	**Cycle 1 Testing**	**No**	**14 days**	**640 hrs**	
206		No	CMA Testing	No	14 days	560 hrs	
207		No	APEX Changes Testing	No	9 days	0 hrs	
208		No	TED 1.0 Downstream application Testing (System Testing)	No	5 days	0 hrs	
209		No	Analyzer	No	10 days	80 hrs	
210		**No**	**Cycle 2 QA Testing**	**No**	**7 days**	**448 hrs**	
211		No	CMA	No	7 days	336 hrs	
212		No	APEX	No	5 days	0 hrs	
213		No	Analyzer	No	7 days	112 hrs	
214		No	TED	No	2 days	0 hrs	
215		**No**	**Complete System Testing**	**No**	**1 day**	**0 hrs**	
216		No	Signoff	No	1 day	0 hrs	
217		**No**	**User acceptance testing**	**No**	**15 days**	**840 hrs**	
231	▦	No	Sign off: User Acceptance Testing	Yes	5 days	0 hrs	
232		**No**	**Training**	**No**	**2 days**	**48 hrs**	
236		**No**	**Deploy**	**No**	**14 days?**	**140 hrs**	
237		**No**	**Integration**	**No**	**13 days**	**100 hrs**	
238	♦	No	Cut Over Plan	No	10 days	80 hrs	
239	▦♦	No	Change Control Process	No	5 days	20 hrs	
240		**No**	**Technical Go Live Deployment - 21st & 22nd Apr**	**Yes**	**0 days**	**0 hrs**	
241	▦	No	CMA Code Deployment - Move over the weekend 21st &22nd Apr	Yes	0 days	0 hrs	
242		No	APEX - Move over the weekend 21st &22nd Apr	Yes	0 days	0 hrs	
243		No	Analyser - Move over the weekend 21st &22nd Apr	Yes	0 days	0 hrs	
244		No	TED over weekend 21st & 22 Apr	Yes	0 days	0 hrs	
245		**No**	**Go Live - CMA Redesign Project**	**No**	**1 day?**	**0 hrs**	
246		**No**	**Post Live assessment**	**No**	**1 day**	**40 hrs**	
247		No	CMA	Yes	1 day	32 hrs	
248		No	TED	No	1 day	0 hrs	
249		No	Analyzer Post Go Live Assessment	No	1 day	8 hrs	
250		No	APEX	No	1 day	0 hrs	
251		**No**	**Hypercare**	**No**	**10 days**	**240 hrs**	
252	♦	No	CMA Support	No	10 days	160 hrs	
253		No	Analyzer Support	No	10 days	0 hrs	

ID		Linked Fields	Task Name	Customer milestone	Duration	Work	
254		No	TED Support	No	10 days	0 hrs	
255		No	APEX-Post deployment support	No	10 days	80 hrs	
256		No	Post Implementation Design Review Complete (if applicable)	No	1 day	0 hrs	
257		No	Execute phase complete	No	0 days	0 hrs	
258		**No**	**Close**	**No**	**3 days**	**113 hrs**	
259		No	Sign off: Project Complete	Yes	0 days	0 hrs	
260		**No**	**Knowledge Management**	**No**	**3 days**	**72 hrs**	
261		No	Perform knowledge transfer	No	0.67 days	16 hrs	
262		No	Verify that final version of each project artifact has been published	No	0.33 days	8 hrs	
263		No	Conduct Lessons Learned session	No	2 days	48 hrs	
264		**No**	**Project Closure Activities**	**No**	**1 day**	**41 hrs**	
265		No	Confirm all invoices received and submitted for payment	No	1 day	8 hrs	
266		No	Complete capitalization form (if applicable)	No	1 day	8 hrs	
267		No	Verify financial closure	No	1 day	8 hrs	
268		No	Confirm all work completed and duration of all tasks is zero	No	1 day	1 hr	
269		No	Set forecast for future months to zero in Portfolio Server	No	1 day	8 hrs	
270		No	Update status of project to closed	No	1 day	8 hrs	
271		No	**PROJECT COMPLETE**	Yes	0 days	0 hrs	

Start	Finish	Predeces	Resource Names
Tue 11/14/17	**Fri 5/11/18**		
Tue 11/14/17	**Fri 5/11/18**		
Tue 11/14/17	Mon 5/7/18		PM1,PM2
Tue 11/14/17	Mon 5/7/18		PM1,PM2
Mon 11/20/17	Fri 5/11/18		PM1,PM2
Tue 11/14/17	Mon 5/7/18		PM1,PM2
Mon 11/20/17	Fri 5/11/18		PM1,PM2
Mon 11/20/17	**Mon 11/20/17**		
Mon 11/20/17	Mon 11/20/17		PM1[89%],PM2[89%
Mon 11/20/17	Mon 11/20/17	8	PM1[89%],PM2[89%
Mon 11/20/17	Mon 11/20/17	9	PM1[75%],PM2[75%
Mon 11/20/17	Mon 11/20/17	10	PM1,PM2
Mon 11/20/17	Mon 11/20/17	8,9,11	PM1,PM2
Mon 11/20/17	**Fri 12/8/17**		
Mon 11/20/17	**Fri 12/8/17**		
Mon 11/20/17	**Thu 12/7/17**		
Mon 11/20/17	**Thu 12/7/17**		
Mon 11/20/17	**Thu 12/7/17**		
Mon 11/20/17	Thu 11/30/17		.Net1
Fri 12/1/17	Thu 12/7/17	18	.Net1
Mon 11/20/17	**Thu 12/7/17**		
Mon 11/20/17	Tue 11/21/17		.Net2
Wed 11/22/17	Thu 11/23/17	21	.Net2
Fri 11/24/17	Mon 11/27/17	22	.Net2
Tue 11/28/17	Wed 11/29/17	23	.Net2
Thu 11/30/17	Fri 12/1/17	24	.Net2
Mon 12/4/17	Tue 12/5/17	25	.Net2
Wed 12/6/17	Thu 12/7/17	26	.Net2
Mon 11/20/17	Fri 12/1/17		.Net3
Mon 11/20/17	Mon 11/27/17		.Net4

Start	Finish	Predeces	Resource Names
Mon 11/20/17	**Thu 12/7/17**		
Mon 11/20/17	Fri 12/1/17		.Net5
Mon 12/4/17	Thu 12/7/17	28	.Net4
Mon 11/20/17	Thu 12/7/17		ORA
Mon 11/20/17	Fri 12/1/17		
Mon 11/20/17	Fri 12/1/17		
Mon 11/20/17	Fri 12/1/17		
Mon 12/4/17	Fri 12/8/17	34	
Mon 11/20/17	**Fri 12/1/17**		
Mon 11/20/17	Fri 12/1/17		TEST1
Mon 12/4/17	**Mon 5/7/18**		
Mon 12/4/17	**Thu 3/1/18**		
Fri 12/8/17	Fri 12/8/17	37	
Fri 12/8/17	**Thu 3/1/18**		
Mon 12/11/17	**Mon 12/18/17**		
Mon 12/11/17	Tue 12/12/17	42	.Net4
Tue 12/12/17	**Mon 12/18/17**		
Tue 12/12/17	Wed 12/13/17	45	.Net4
Thu 12/14/17	Fri 12/15/17	47	.Net4
Fri 12/15/17	Mon 12/18/17	48	.Net4
Mon 12/11/17	**Tue 2/6/18**		
Mon 12/11/17	Fri 12/22/17	42	.Net1
Tue 1/9/18	Mon 1/22/18	53,51	.Net1
Mon 12/25/17	Mon 1/8/18	51	.Net1
Tue 1/23/18	Tue 2/6/18	52,53	.Net1
Mon 12/11/17	**Fri 2/16/18**		
Mon 12/11/17	**Mon 1/15/18**		
Mon 12/11/17	Fri 12/22/17	42	.Net2
Mon 12/25/17	Mon 1/15/18	57	.Net2
Tue 1/16/18	**Fri 2/16/18**		
Tue 1/16/18	Thu 1/25/18	58	.Net2
Mon 1/29/18	Fri 2/16/18	60	.Net2
Mon 12/11/17	**Wed 12/27/17**		
Mon 12/11/17	Mon 12/18/17	42	.Net3

Start	Finish	Predeces	Resource Names
Tue 12/19/17	Wed 12/27/17	63	.Net3
Thu 12/28/17	**Wed 1/31/18**		
Thu 12/28/17	Thu 1/4/18	64	.Net3
Fri 1/5/18	Thu 1/11/18	66	.Net3
Fri 1/12/18	Thu 1/25/18	67	.Net3
Mon 1/29/18	Wed 1/31/18	68	.Net3
Tue 12/19/17	**Tue 2/27/18**		
Tue 12/19/17	Tue 1/9/18	49	.Net4
Wed 1/10/18	Tue 1/23/18	71	.Net4
Wed 1/24/18	**Tue 2/27/18**		
Mon 2/19/18	Tue 2/27/18	61	.Net2
Wed 1/24/18	Mon 2/5/18	72	.Net4
Thu 2/1/18	**Wed 2/14/18**		
Thu 2/1/18	Wed 2/7/18	69	.Net3
Thu 2/8/18	Wed 2/14/18	77	.Net3
Mon 12/11/17	**Wed 1/17/18**		
Mon 12/11/17	Fri 12/29/17	42	.Net5
Tue 1/2/18	Wed 1/17/18	80	.Net5
Thu 1/18/18	**Tue 2/27/18**		
Thu 1/18/18	**Mon 2/26/18**		
Thu 2/15/18	Tue 2/20/18	78	.Net3
Wed 2/21/18	Mon 2/26/18	84	.Net3
Thu 1/18/18	Tue 1/23/18	81	.Net5
Wed 1/24/18	Tue 1/30/18	86	.Net5
Wed 1/31/18	**Tue 2/27/18**		
Wed 1/31/18	Tue 2/6/18	87	.Net5
Wed 2/7/18	Tue 2/13/18	89	.Net5
Wed 2/14/18	Tue 2/20/18	90	.Net5
Wed 2/21/18	Tue 2/27/18	91	.Net5
Fri 12/8/17	**Thu 3/1/18**		
Fri 12/8/17	Mon 12/18/17	33	ORA
Tue 12/19/17	Mon 12/25/17	94	ORA

Start	Finish	Predeces	Resource Names
Tue 12/26/17	**Thu 2/15/18**		
Tue 12/26/17	Wed 12/27/17	95	ORA
Thu 12/28/17	Fri 12/29/17	97	ORA
Tue 1/2/18	Wed 1/3/18	98	ORA
Thu 1/4/18	Fri 1/5/18	99	ORA
Mon 1/8/18	Tue 1/9/18	100	ORA
Wed 1/10/18	Thu 1/11/18	101	ORA
Fri 1/12/18	Mon 1/15/18	102	ORA
Tue 1/16/18	Wed 1/17/18	103	ORA
Thu 1/18/18	Fri 1/19/18	104	ORA
Mon 1/22/18	Tue 1/23/18	105	ORA
Wed 1/24/18	Thu 1/25/18	106	ORA
Mon 1/29/18	Tue 1/30/18	107	ORA
Wed 1/31/18	Thu 2/1/18	108	ORA
Fri 2/2/18	Mon 2/5/18	109	ORA
Tue 2/6/18	Wed 2/7/18	110	ORA
Thu 2/8/18	Fri 2/9/18	111	ORA
Mon 2/12/18	Tue 2/13/18	112	ORA
Wed 2/14/18	Thu 2/15/18	113	ORA
Fri 2/16/18	**Thu 3/1/18**		
Tue 2/20/18	Thu 2/22/18	123	.Net1
Fri 2/23/18	Tue 2/27/18	116	.Net1
Tue 2/27/18	Thu 3/1/18	85	.Net3

Start	Finish	Predeces	Resource Names
Fri 2/16/18	Mon 2/19/18	114	ORA
Tue 2/20/18	Wed 2/21/18	119	ORA
Thu 2/22/18	Fri 2/23/18	120	ORA
Mon 2/26/18	Tue 2/27/18	121	ORA
Wed 2/7/18	Mon 2/19/18	54	.Net1
Tue 2/6/18	Tue 2/27/18	75	.Net4
Tue 12/19/17	**Tue 2/27/18**		
Tue 12/19/17	**Fri 1/5/18**		
Tue 12/19/17	Fri 12/22/17	94	Neo Tai
Mon 12/25/17	Wed 12/27/17	127	Neo Tai
Thu 12/28/17	Tue 1/2/18	128	Neo Tai
Tue 12/19/17	Wed 12/20/17	94	Res5
Thu 12/21/17	Fri 12/22/17	130	Res5
Mon 12/25/17	Tue 12/26/17	131	Res5
Wed 12/27/17	Thu 12/28/17	132	Res5
Fri 12/29/17	Tue 1/2/18	133	Res5
Wed 1/3/18	Fri 1/5/18	134	Res5
Mon 1/8/18	**Wed 1/31/18**		
Mon 1/8/18	Fri 1/19/18	135	Neo Tai
Mon 1/8/18	Thu 1/18/18	135	Res5

Start	Finish	Predeces	Resource Names
Fri 1/19/18	Wed 1/31/18	138	Res5
Mon 1/22/18	**Tue 2/6/18**		
Mon 1/22/18	Thu 1/25/18	137	Neo Tai
Thu 2/1/18	Tue 2/6/18	139	Res5
Mon 1/29/18	Thu 2/1/18	141	Neo Tai
Fri 2/2/18	**Thu 2/15/18**		
Wed 2/7/18	Thu 2/15/18	142	Res5
Fri 2/2/18	Thu 2/8/18	143	Neo Tai
Fri 2/9/18	Thu 2/15/18	146	Neo Tai
Fri 2/16/18	**Mon 2/19/18**		
Fri 2/16/18	Mon 2/19/18	147	Neo Tai
Fri 2/16/18	Mon 2/19/18	145	Res5
Tue 2/20/18	**Fri 2/23/18**		
Tue 2/20/18	Thu 2/22/18	150	Neo Tai
Tue 2/20/18	Wed 2/21/18	149	Res5
Thu 2/22/18	Fri 2/23/18	153	Res5
Mon 2/26/18	**Tue 2/27/18**		
Mon 2/26/18	Tue 2/27/18	154	
Tue 12/19/17	**Mon 1/15/18**		
Tue 12/19/17	**Tue 12/19/17**		
Tue 12/19/17	Tue 12/19/17	94	Jai
Tue 12/19/17	Tue 12/19/17	159	Jai
Tue 12/19/17	Tue 12/19/17	160	Jai
Tue 12/19/17	Tue 12/19/17	161	Jai
Wed 12/20/17	**Wed 1/3/18**		
Wed 12/20/17	Thu 12/21/17	162	Jai
Fri 12/22/17	Fri 12/22/17	164	Jai
Mon 12/25/17	Mon 12/25/17	165	Jai
Mon 12/25/17	Wed 12/27/17	166	Jai
Wed 12/27/17	Fri 12/29/17	167	Jai
Fri 12/29/17	Fri 12/29/17	168	Jai
Fri 12/29/17	Fri 12/29/17	169	Jai
Fri 12/29/17	Fri 12/29/17	170	Jai

Start	Finish	Predeces	Resource Names
Tue 1/2/18	Tue 1/2/18	171	Jai
Tue 1/2/18	Tue 1/2/18	172	Jai
Tue 1/2/18	Tue 1/2/18	173	Jai
Tue 1/2/18	Tue 1/2/18	174	Jai
Wed 1/3/18	Wed 1/3/18	175	Jai
Wed 1/3/18	Wed 1/3/18	176	Jai
Wed 1/3/18	Wed 1/3/18	177	Jai
Wed 1/3/18	Wed 1/3/18	178	Jai
Wed 1/3/18	Wed 1/3/18	179	Jai
Wed 1/3/18	**Fri 1/5/18**		
Wed 1/3/18	Thu 1/4/18	180	Jai
Thu 1/4/18	Thu 1/4/18	182	Jai
Thu 1/4/18	Thu 1/4/18	183	Jai
Thu 1/4/18	Thu 1/4/18	184	Jai
Thu 1/4/18	Fri 1/5/18	185	Jai
Fri 1/5/18	Fri 1/5/18	186	Jai
Fri 1/5/18	**Tue 1/9/18**		
Fri 1/5/18	Mon 1/8/18	187	Jai
Mon 1/8/18	Tue 1/9/18	189	Jai
Tue 1/9/18	Mon 1/15/18	190	Jai
Mon 12/11/17	**Wed 1/31/18**		
Mon 12/11/17	Tue 12/26/17	42	
Tue 12/26/17	Wed 1/3/18	193,94	
Wed 1/3/18	Thu 1/11/18	194	
Thu 1/11/18	Fri 1/19/18	195	
Fri 1/19/18	Wed 1/31/18	196	
Mon 2/5/18	**Tue 2/27/18**		
Mon 12/4/17	Thu 3/1/18	39	TEST1
Wed 2/28/18	**Mon 4/2/18**		
Wed 2/28/18	**Wed 2/28/18**		
Wed 2/28/18	Wed 2/28/18	199	

Start	Finish	Predeces	Resource Names
Wed 2/28/18	Wed 2/28/18	199	
Thu 3/1/18	**Wed 3/21/18**		
Thu 3/1/18	Wed 3/21/18	204	
Thu 3/1/18	Wed 3/14/18	204	
Thu 3/1/18	Thu 3/8/18	204	
Thu 3/1/18	Thu 3/15/18	204	Neo Tai,Res5
Thu 3/22/18	**Fri 3/30/18**	**205**	
Thu 3/22/18	Fri 3/30/18	205	
Thu 3/22/18	Wed 3/28/18	205	
Thu 3/22/18	Fri 3/30/18	205	Neo Tai,Res5
Thu 3/22/18	Fri 3/23/18	205	
Mon 4/2/18	**Mon 4/2/18**	**210**	
Mon 4/2/18	Mon 4/2/18	205	
Tue 4/3/18	**Mon 4/23/18**	**205**	
Mon 4/16/18	Fri 4/20/18		
Tue 4/24/18	**Wed 4/25/18**		
Wed 4/4/18	**Mon 4/23/18**		
Wed 4/4/18	**Fri 4/20/18**		
Wed 4/4/18	Tue 4/17/18	218	PM
Mon 4/16/18	Fri 4/20/18		PM[50%]
Fri 4/20/18	**Fri 4/20/18**		
Fri 4/20/18	Fri 4/20/18	231,239	
Fri 4/20/18	Fri 4/20/18	231	
Fri 4/20/18	Fri 4/20/18	231	
Fri 4/20/18	Fri 4/20/18	231	
Mon 4/23/18	Mon 4/23/18	244	
Mon 4/23/18	**Mon 4/23/18**		
Mon 4/23/18	Mon 4/23/18	240	
Mon 4/23/18	Mon 4/23/18	240	
Mon 4/23/18	Mon 4/23/18	240	Neo Tai
Mon 4/23/18	Mon 4/23/18	240	
Mon 4/23/18	**Mon 5/7/18**		
Mon 4/23/18	Mon 5/7/18	240	ORA,.Net2
Mon 4/23/18	Mon 5/7/18	240	

Start	Finish	Predeces	Resource Names
Mon 4/23/18	Mon 5/7/18	240	
Mon 4/23/18	Mon 5/7/18	240	Jai
Mon 5/7/18	Mon 5/7/18	251FF	
Mon 5/7/18	Mon 5/7/18	256	
Mon 5/7/18	**Thu 5/10/18**		
Mon 5/7/18	Mon 5/7/18	257	PM
Tue 5/8/18	**Thu 5/10/18**		
Tue 5/8/18	Tue 5/8/18	257	ORA,.Net2,PM
Tue 5/8/18	Tue 5/8/18	261	ORA,.Net2,PM
Wed 5/9/18	Thu 5/10/18	261,262	ORA,.Net2,PM
Tue 5/8/18	**Tue 5/8/18**		
Tue 5/8/18	Tue 5/8/18	251	PM
Tue 5/8/18	Tue 5/8/18	251	PM
Tue 5/8/18	Tue 5/8/18	251	PM
Tue 5/8/18	Tue 5/8/18	251	PM[13%]
Tue 5/8/18	Tue 5/8/18	251	PM
Tue 5/8/18	Tue 5/8/18	251	PM
Mon 5/7/18	Mon 5/7/18	251	