Activity ID	Activity Name	Original Duration	Start	Finish
FGC-1	**FGC C TURBINE/COMPRESSOR BUNDLE CHANGE**	716h	05-Jan-16 08:00 A	10-Mar-16 09:00
FGC-1.6	**LOGISTICS**	246h	05-Jan-16 08:00 A	27-Jan-16 12:0
A1570	Inspect Compressor bundles and other FGC C materials at Onne	16h	05-Jan-16 08:00 A	06-Jan-16 17:0
A1580	Move turbine,Compressor bundles and other FGC C materials from	72h	20-Jan-16 01:00 A	23-Jan-16 01:0
A1600	Build Work Benches / Parts Storage around Fin Fan coolers	48h	23-Jan-16 08:00 A	27-Jan-16 12:0
FGC-1.1	**PRE-SHUTDOWN**	24h	05-Feb-16 08:00	07-Feb-16 17:0
A10	Build Work Benches / Parts Storage - Compressor Works	8h	05-Feb-16 08:00	05-Feb-16 17:0
A11	Build Work Benches / Parts Storage - Turbine works	8h	06-Feb-16 08:00	06-Feb-16 17:0
A12	Remove rear access ladder	8h	07-Feb-16 08:00	07-Feb-16 17:0
A13	Mobilisation to site	2h	07-Feb-16 08:00	07-Feb-16 10:0
A14	safety induction	1h	07-Feb-16 10:00	07-Feb-16 11:0
A15	JHA/Workpack/Work plan review and work site visit.	2h	07-Feb-16 11:00	07-Feb-16 14:0
A16	Site special tools and tools container	2h	07-Feb-16 14:00	07-Feb-16 16:0
A17	Site special tools & tool container.	2h	07-Feb-16 14:00	07-Feb-16 16:0
A18	Site spare parts & consumables.	2h	07-Feb-16 14:00	07-Feb-16 16:0
A19	Hold site kick off meeting with the Mtce and Ops Supervisors.	3h	07-Feb-16 14:00	07-Feb-16 17:0
FGC-1.2	**POST SHUTDOWN - Cooldown & Isolations**	11h	08-Feb-16 07:00	08-Feb-16 18:0
A20	Allow engine to complete its 4 hour post lube cycle	4h	08-Feb-16 07:00*	08-Feb-16 11:0
A21	Process isolations (including rundown)	3h	08-Feb-16 13:00	08-Feb-16 16:0
A22	Electrical isolations (TURBINE, COMPRESSOR & AINCILLIARIES)	2h	08-Feb-16 11:00	08-Feb-16 13:0
A23	MECH ISO (spade offs - TURBINE, COMPRESSOR & AINCILLIARI	3h	08-Feb-16 13:00	08-Feb-16 16:0
A24	Instrument Isolations - (TURBINE, COMPRESSOR & GEARBOX)	1h	08-Feb-16 11:00	08-Feb-16 12:0
A25	Install the solar lifting frame on to package	2h	08-Feb-16 13:00	08-Feb-16 15:0
A25a	Certify Lifting beam/accessories	3h	08-Feb-16 15:00	08-Feb-16 18:0
FGC-1.3	**TURBINE C CHANGE OUT**	224h	09-Feb-16 07:00	29-Feb-16 11:0
FGC-1.3.KT-1	**DISASSEMBLY**	69h	09-Feb-16 07:00	15-Feb-16 10:0
FGC-1.3.KT-1.1	**DISASSEMBLY:ELECTRICAL & CONTROL INSTRUMENTS REF**	69h	09-Feb-16 07:00	15-Feb-16 10:0
A26	Disconnection of electrical cables from starter motor	5h	09-Feb-16 07:00	09-Feb-16 12:0
A27	Remove starter motor from package	2h	09-Feb-16 12:00	09-Feb-16 14:0
A28	Remove coupling covers power turbine to gearbox	2h	09-Feb-16 14:00	09-Feb-16 16:0
A29	Remove coupling shaft power turbine to gearbox	2h	09-Feb-16 16:00	09-Feb-16 18:0
A30	Remove exhaust heat cladding	2h	10-Feb-16 07:00	10-Feb-16 09:0
FGC-1.3.KT-1.1.3	**ELECTRICAL**	64h	09-Feb-16 12:00	15-Feb-16 10:0
A1530	Carry out megger check on all enclosure electric motors	6h	09-Feb-16 12:00	09-Feb-16 18:0
A1540	Carry out megger check on all interstage cooler fan electric motors	6h	10-Feb-16 07:00	10-Feb-16 13:0
A1550	Carry out megger check on oil cooler fan electric motors	4h	10-Feb-16 13:00	10-Feb-16 17:0
A1560	Change out the VSD's on the FGC C	48h	10-Feb-16 17:00	15-Feb-16 10:0
FGC-1.3.KT-1.6	**DISASSEMBLY: Air Inlet Duct and Accessory Drive Assembly A**	9h	10-Feb-16 09:00	10-Feb-16 18:0
A31	Remove compressor cleaning fluid supply manifold filter	1h	10-Feb-16 09:00	10-Feb-16 10:0
A32	Disconnect air inlet duct & engine bearing lube oil drains	4h	10-Feb-16 10:00	10-Feb-16 14:0
A33	Disconnect instrumentation	4h	10-Feb-16 14:00	10-Feb-16 18:0
FGC-1.3.KT-1.2	**DISASSEMBLY: Combustor Case and Compressor Area**	14h	11-Feb-16 07:00	12-Feb-16 10:0
A34	Disconnect compressor discharge pressure air instrumentation line,	2h	11-Feb-16 07:00	11-Feb-16 09:0
A35	Disconnect engine bearing instrumentation	4h	11-Feb-16 09:00	11-Feb-16 13:0
A36	Disconnect torch igniter assembly	1h	11-Feb-16 13:00	11-Feb-16 14:0
A37	Disconnect bleed valve actuator instrumentation conections	1h	11-Feb-16 14:00	11-Feb-16 15:0
A38	Disconnect engine bearing No. 2 and 3 lube oil & collector drain lines	2h	12-Feb-16 08:00	12-Feb-16 10:0
FGC-1.3.KT-1.7	**DISASSEMBLY: Exhaust Collector Area**	4h	12-Feb-16 10:00	12-Feb-16 14:0
A39	Disconnect engine bearing No. 4 and 5 lube oil & combuster case dr	4h	12-Feb-16 10:00	12-Feb-16 14:0

Legend:
- ▬ Actual Work (blue)
- ▬ Critical Remaining Work (red)
- ▬ Remaining Work (green)
- ◆ Milestone
- ◣◢ Summary

Activity ID	Activity Name	Original Duration	Start	Finish
FGC-1.3.KT-1.8 DISASSEMBLY: Engine Separation		13h	12-Feb-16 14:00	13-Feb-16 16:0
A40	Disconnect all engine ductwork, brackets and mountings	6h	12-Feb-16 14:00	13-Feb-16 09:0
A41	Remove temporary scaffold access platforms	4h	13-Feb-16 09:00	13-Feb-16 13:0
A42	Rig engine out of enclosure, lower into shipping cradle & remove rigg	3h	13-Feb-16 13:00	13-Feb-16 16:0
FGC-1.3.KT-1.12 DISASSEMBLY: After Engine Removal		12h	13-Feb-16 16:00	14-Feb-16 17:0
A43	Move engine to the lay down area to the rear of the turbine area	2h	13-Feb-16 16:00	13-Feb-16 18:0
A44	Remove the air intake collector, exhaust collector, main lube oil pump	8h	14-Feb-16 07:00	14-Feb-16 15:0
A45	Check over old engine to insure all items to be shipped with engine a	2h	14-Feb-16 15:00	14-Feb-16 17:0
FGC-1.3.9 RE-ASSEMBLY : New Engine		159h	14-Feb-16 17:00	29-Feb-16 11:0
A46	Install the air intake collector, exhaust collector, main lube oil pump &	8h	14-Feb-16 17:00	15-Feb-16 14:0
A47	Move the Engine to the side of the package for reinstallation	1h	15-Feb-16 14:00	15-Feb-16 15:0
A48	Complete skid cleaning using onsite wash down pump	3h	15-Feb-16 15:00	15-Feb-16 18:0
A49	Complete 8000 hour maintenance on Package	8h	16-Feb-16 07:00	16-Feb-16 15:0
FGC-1.3.9.4 RE-ASSEMBLY : ENGINE		139h	16-Feb-16 15:00	29-Feb-16 11:0
A50	Re-attach the four trolley hoists for lifting the engine	1h	16-Feb-16 15:00	16-Feb-16 16:0
A51	Re-instate the engine into the enclosure	2h	16-Feb-16 16:00	16-Feb-16 18:0
A52	Re-install the temporary work platform at the side of the package	8h	17-Feb-16 07:00	17-Feb-16 15:0
A53	Re-instate all engine brackets and mountings	6h	17-Feb-16 15:00	18-Feb-16 10:0
A54	Remove solar lifting frame from package	4h	18-Feb-16 10:00	18-Feb-16 14:0
A55	Carry out engine to gearbox alignment	8h	18-Feb-16 14:00	19-Feb-16 11:0
A56	Carry out steps A31-39 in reverse to re-assemble all mechanical, ele	96h	19-Feb-16 11:00	28-Feb-16 08:0
A57	Re-install the enclosure panels	8h	28-Feb-16 08:00	28-Feb-16 16:0
A58	Carry out Engine compressor on crank wash	6h	28-Feb-16 16:00	29-Feb-16 11:0
FGC-1.4 SIEMENS STC-SV COMPRESSOR C BUNDLE CHAN		335h	05-Feb-16 08:00	06-Mar-16 13:0
FGC-1.4.3 OLD BUNDLES REMOVAL		302h	08-Feb-16 08:00	06-Mar-16 13:0
FGC-1.4.3.3 DISASSEMBLY: BALANCE LINE		186h	08-Feb-16 08:00	24-Feb-16 18:0
A24a	Move old balance line to Siemens for welding	112h	08-Feb-16 08:00*	23-Feb-16 17:0
A61	Dismantle old balance line	4h	08-Feb-16 16:00	09-Feb-16 09:0
A62	Receive and install new balance line	12h	23-Feb-16 17:00	24-Feb-16 18:0
FGC-1.4.3.11 DRY GAS SEAL CTRL VALVES MTCE		28h	08-Feb-16 13:00	11-Feb-16 08:0
A1400	Isolate process lines to dry gas seal primary vent line	2h	08-Feb-16 13:00	08-Feb-16 15:0
A1410	Remove old back pressure control valve and instrument cables	6h	08-Feb-16 15:00	09-Feb-16 10:0
A1420	Service back pressure control valve	11h	09-Feb-16 10:00	10-Feb-16 10:0
A1430	Replace back pressure control valve	6h	10-Feb-16 10:00	10-Feb-16 16:0
A1440	Carry out stroke test on control valves.	3h	10-Feb-16 16:00	11-Feb-16 08:0
FGC-1.4.3.1 DISASSEMBLY: HP COMPRESSOR REMOVAL		37h	08-Feb-16 15:00	12-Feb-16 08:0
A64	break coupling gear HP comp	3h	08-Feb-16 15:00	08-Feb-16 18:0
A65	break coupling HP/MP-LP comp	3h	09-Feb-16 07:00	09-Feb-16 10:0
A66	break suction flange HP comp	4h	09-Feb-16 10:00	09-Feb-16 14:0
A67	break discharge flange HP comp	4h	09-Feb-16 14:00	09-Feb-16 18:0
A68	break drain lines HP comp	4h	10-Feb-16 07:00	10-Feb-16 11:0
A69	break vent lines HP comp	3h	10-Feb-16 11:00	10-Feb-16 14:0
A70	break oil line HP comp	3h	10-Feb-16 14:00	10-Feb-16 17:0
A71	Check as found alignment HP-gearbox	3h	10-Feb-16 17:00	11-Feb-16 09:0
A72	check as found alignment HP-LP/MP	3h	11-Feb-16 09:00	11-Feb-16 12:0
A73	loosen holding down bolts HP comp	3h	11-Feb-16 12:00	11-Feb-16 15:0
A74	Lift out HP compressor	4h	11-Feb-16 15:00	12-Feb-16 08:0
FGC-1.4.3.2 DISASSEMBLY: MP/LP COMPRESSOR REMOVAL		29h	08-Feb-16 15:00	11-Feb-16 11:1
A75	remove bearing DE	1h	08-Feb-16 15:00	08-Feb-16 16:0
A76	remove coupling hub	2h	08-Feb-16 16:00	08-Feb-16 18:0
A77	remove barier seal DE	2h	09-Feb-16 07:00	09-Feb-16 09:0

Legend:
- Actual Work
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TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish
A78	remove DGS DE	1h	09-Feb-16 09:00	09-Feb-16 10:0
A79	remove bearing NDE	2h	09-Feb-16 10:00	09-Feb-16 12:0
A80	remove thrust collar	2h	09-Feb-16 12:00	09-Feb-16 14:0
A81	remove barrier seal NDE	1h	09-Feb-16 14:00	09-Feb-16 15:0
A82	remove DGS NDE	2h	09-Feb-16 15:00	09-Feb-16 17:0
A83	undo endcover bolts	3h	09-Feb-16 17:00	10-Feb-16 09:0
A84	remove endcover	3h	10-Feb-16 09:00	10-Feb-16 12:
A85	install roller track	2h	10-Feb-16 12:12	10-Feb-16 14:
A86	pull bundle out	4h	10-Feb-16 14:12	11-Feb-16 07:1
A87	swap bundles	4h	11-Feb-16 07:12	11-Feb-16 11:1
FGC-1.4.3.4 CONTROLS & RELIEF SYSTEMS		**295h**	**08-Feb-16 15:00**	**06-Mar-16 13:0**
A1130	Disconnect all proximitors, vibration probes and accelerometers	6h	08-Feb-16 15:00	09-Feb-16 10:0
A1140	Carry out detailed visual inspections of all terminal JBs	12h	09-Feb-16 10:00	10-Feb-16 11:0
A1150	Mount all bearing vibration probes, proximitors and accelerometers c	12h	10-Feb-16 11:00	11-Feb-16 12:0
A1160	Terminate all vibration probes, proximitors, accelerometers on assoc	12h	11-Feb-16 12:00	12-Feb-16 13:0
A1170	Carry out all recommended instrument loop checks and device funct	24h	12-Feb-16 13:00	14-Feb-16 15:0
FGC-1.4.3.4.5 Replacement of anti surge control system transmitters & con		**42h**	**14-Feb-16 15:00**	**18-Feb-16 13:0**
A1180	Disconnect anti surge pressure & flow transmitters from CCC contro	2h	14-Feb-16 15:00	14-Feb-16 17:0
A1190	Disconnect process impulse tubes and remove instrument manifolds	8h	14-Feb-16 17:00	15-Feb-16 14:0
A1200	Replace all instrument manifolds with preconfigured mounted transm	16h	15-Feb-16 14:00	17-Feb-16 08:0
A1210	Reconnect all instrument process impulse tubings	8h	17-Feb-16 08:00	17-Feb-16 16:0
A1220	Reconnect anti surge pressure & flow transmitters to CCC controllers	8h	17-Feb-16 16:00	18-Feb-16 13:0
FGC-1.4.3.4.1 Maintenance/ service of ASV controller components and valves		**55h**	**18-Feb-16 13:00**	**23-Feb-16 13:0**
A1230	Assess all ASV control valves for each stage. (33/34/35FCV342)	3h	18-Feb-16 13:00	18-Feb-16 16:0
A1240	Replace deffective components (relay boosters, solenoid switches,	3h	18-Feb-16 16:00	19-Feb-16 08:0
A1250	Calibrate and stroke each valve over it's total length of travel noting	10h	19-Feb-16 08:00	19-Feb-16 18:0
A1260	Replace deffective valve components if required	12h	20-Feb-16 07:00	21-Feb-16 08:0
A1270	Calibrate ASV controller & I/O cards	12h	21-Feb-16 08:00	22-Feb-16 09:0
A1280	Carry out functionality test simulating ASV operation in response to s	3h	22-Feb-16 09:00	22-Feb-16 12:0
A1290	Establish new surge lines for the compressor	12h	22-Feb-16 12:00	23-Feb-16 13:0
FGC-1.4.3.4.11 Replacement of deffective process measurement components		**52h**	**23-Feb-16 13:00**	**28-Feb-16 10:0**
A1300	Isolation of process measurement transmitters from the DCS	12h	23-Feb-16 13:00	24-Feb-16 14:0
A1310	Disconnect process pipping	24h	24-Feb-16 14:00	26-Feb-16 16:0
A1320	Renew all transmitter display units	2h	26-Feb-16 16:00	26-Feb-16 18:0
A1330	Replace associated transmitter barriers	2h	27-Feb-16 07:00	27-Feb-16 09:0
A1340	Carry out footprint calibration of the transmitters and monitor perform	12h	27-Feb-16 09:00	28-Feb-16 10:0
FGC-1.4.3.4.2 Maintenance/ service of process control final elements and v		**32h**	**28-Feb-16 10:00**	**02-Mar-16 09:0**
A1350	Maintain & service 8348BDVKPX650/446	4h	28-Feb-16 10:00	28-Feb-16 14:0
A1360	Maintain & service 33LCV311/33/34/35LCV304	12h	28-Feb-16 14:00	29-Feb-16 15:0
A1370	Maintain & service 3SDV302/303/35SDV343/34SDV344/346	2h	29-Feb-16 15:00	29-Feb-16 17:0
A1380	Replace AO barriers for above valves	12h	29-Feb-16 17:00	01-Mar-16 18:0
A1390	Replace DO barriers for above valves 8348BDVKPX650/446	2h	02-Mar-16 07:00	02-Mar-16 09:0
FGC-1.4.3.4.3 Relief Valves Maintenance		**48h**	**02-Mar-16 09:00**	**06-Mar-16 13:0**
A1590	Replace 33RV306, 337, 361	48h	02-Mar-16 09:00	06-Mar-16 13:0
FGC-1.4.4 NEW BUNDLES REPLACEMENT		**137h**	**05-Feb-16 08:00**	**17-Feb-16 13:1**
FGC-1.4.4.1 HP Compressors - re-assembly		**38h**	**12-Feb-16 08:00**	**15-Feb-16 13:0**
A100	install bearings	1h	15-Feb-16 11:00	15-Feb-16 12:0
A88	install new bundle	4h	12-Feb-16 08:00	12-Feb-16 12:0
A89	remove roller track	3h	12-Feb-16 12:00	12-Feb-16 15:0
A90	Install drain, vent & oil lines HP comp	8h	12-Feb-16 15:00	13-Feb-16 12:0
A91	install endcover	6h	13-Feb-16 12:00	13-Feb-16 18:0

Legend:
- Actual Work
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TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish	Gantt label
A92	Check baring houses	1h	14-Feb-16 07:00	14-Feb-16 08:0	Siemens 1, BONMECH3, BONMECH4
A93	instal seal DE	2h	14-Feb-16 08:00	14-Feb-16 10:0	Siemens 1, BONMECH3, BONMECH4
A94	install barrier seal DE	2h	14-Feb-16 10:00	14-Feb-16 12:0	Siemens 1, BONMECH3, BONMECH4
A95	install bearings DE	1h	14-Feb-16 12:00	14-Feb-16 13:0	Siemens 1, BONMECH3, BONMECH4
A96	install hub DE	2h	14-Feb-16 13:00	14-Feb-16 15:0	Siemens 1, BONMECH3, BONMECH4
A97	install DGS NDE	3h	14-Feb-16 15:00	14-Feb-16 18:0	Siemens 1, BONMECH3, BONMECH4
A98	intsall barrier seal NDE	2h	15-Feb-16 07:00	15-Feb-16 09:0	Siemens 1, BONMECH3, BONMECH4
A99	install thrust collar	2h	15-Feb-16 09:00	15-Feb-16 11:0	Siemens 1, BONMECH3, BONMECH4
B100	install hub	1h	15-Feb-16 12:00	15-Feb-16 13:0	Siemens 1, BONMECH3, BONMECH4
FGC-1.4.4.2 MP/LP Compressor - re-assembly		**26h**	**11-Feb-16 11:12**	**13-Feb-16 15:**	13-Feb-16 15:12, FGC-1.4.4.2 MP/LP Compressor - re-ass
A101	install new bundle	6h	11-Feb-16 11:12	11-Feb-16 17:1	Siemens 2, BONRIGG3, BONRIGG4
A102	remove roller track	2h	11-Feb-16 17:12	12-Feb-16 08:1	Siemens 2, BONRIGG3, BONRIGG4
A103	install endcover	6h	12-Feb-16 08:12	12-Feb-16 14:1	Siemens 2, BONRIGG3, BONRIGG4
A104	install seal DE	2h	12-Feb-16 14:12	12-Feb-16 16:1	Siemens 2, BONRIGG3, BONRIGG4
A105	install barrier seal DE	1h	12-Feb-16 16:12	12-Feb-16 17:1	Siemens 2, BONRIGG3, BONRIGG4
A106	intsall bearings DE	1h	12-Feb-16 17:12	13-Feb-16 07:1	Siemens 2, BONRIGG3, BONRIGG4
A107	install hub DE	2h	13-Feb-16 07:12	13-Feb-16 09:1	Siemens 2, BONRIGG3, BONRIGG4
A108	install DGS NDE	2h	13-Feb-16 09:12	13-Feb-16 11:1	Siemens 2, BONRIGG3, BONRIGG4
A109	intsall barrier seal NDE	1h	13-Feb-16 11:12	13-Feb-16 12:1	Siemens 2, BONRIGG3, BONRIGG4
A110	install thrust collar	1h	13-Feb-16 12:12	13-Feb-16 13:1	Siemens 2, BONRIGG3, BONRIGG4
A111	install bearings	2h	13-Feb-16 13:12	13-Feb-16 15:1	Siemens 2, BONRIGG3, BONRIGG4
FGC-1.4.4.5 SHAFT ALIGNMENT & LINES HOOK UP.		**137h**	**05-Feb-16 08:00**	**17-Feb-16 13:**	17-Feb-16 13:12, FGC-1.4.4.5 SHAFT ALIGNMEN
A112	Install coupling Gearbox- HP comp	2h	13-Feb-16 15:12	13-Feb-16 17:1	Siemens 1, BONMECH1, BONMECH2
A113	Install coupling HP/MP-LP comp	2h	13-Feb-16 17:12	14-Feb-16 08:1	Siemens 2, BONMECH3, BONMECH4
A114	Check alignment HP-gearbox	8h	14-Feb-16 08:12	14-Feb-16 16:1	Siemens 1, BONMECH1, BONMECH2, BONMECH3, BO
A115	check alignment HP-LP/MP shafts	8h	14-Feb-16 16:12	15-Feb-16 13:1	Siemens 2, BONMECH3, BONMECH4
A116	Tighten holding down bolts HP/MP-LP com	6h	15-Feb-16 13:12	16-Feb-16 08:1	BONMECH3, BONMECH4, Siemens 2
A117	break oil line HP comp	2h	16-Feb-16 08:12	16-Feb-16 10:1	BONMECH1, BONMECH2, Siemens 1
A118	Tighten discharge flange HP comp	4h	16-Feb-16 10:12	16-Feb-16 14:1	BONMECH3, BONMECH4, Siemens 2
A119	Tighten drain lines HP comp	2h	16-Feb-16 14:12	16-Feb-16 16:1	BONMECH1, BONMECH2, Siemens 1
A120	Tighten holding down bolts HP comp break vent lines HP comp	2h	16-Feb-16 16:12	17-Feb-16 07:1	BONMECH3, BONMECH4, Siemens 2
A121	Verify alignment readings HP-MP/LP shafts	6h	17-Feb-16 07:12	17-Feb-16 13:1	BONMECH1, BONMECH2, Siemens 1
A131	Install new balance line	8h	05-Feb-16 08:00	05-Feb-16 16:0	
FGC-1.7 FGC GAS COOLER FAN BEARING REPLACEMENT		**105h**	**05-Feb-16 08:00**	**14-Feb-16 13:**	14-Feb-16 13:30, FGC-1.7 FGC GAS COOLER FAN BE
FGC-1.7.1 Pre Unit Shutdown Work		**15h**	**05-Feb-16 08:00**	**06-Feb-16 12:0**	06-Feb-16 12:00, FGC-1.7.1 Pre Unit Shutdown Work
A1610	Erect scaffold platforms under all fan assemblies	4h	05-Feb-16 08:00	05-Feb-16 12:0	BONMECH7, BONMECH7
A1620	Lubricate all accessable bolts that require unbolting with WD40	2h	05-Feb-16 12:00	05-Feb-16 14:0	BONMECH7, BONMECH8
A1630	Fit bottom bearings to new shafts, spot the shaft (9mm) and secure	6h	05-Feb-16 14:00	06-Feb-16 09:0	BONMECH7, BONMECH8
A1640	Place new shafts complete with bottom bearing and new belts on site	1h	06-Feb-16 09:00	06-Feb-16 10:0	BONMECH7, BONMECH8
A1650	Place tooling/rigging on site	1h	06-Feb-16 10:00	06-Feb-16 11:0	BONMECH7, BONMECH8
A1660	Place consumables on site	1h	06-Feb-16 11:00	06-Feb-16 12:0	BONMECH7, BONMECH8
FGC-1.7.2 Isolations		**1h**	**05-Feb-16 08:00**	**05-Feb-16 09:0**	05-Feb-16 09:00, FGC-1.7.2 Isolations
A1670	Isolate all Fan Motors	1h	05-Feb-16 08:00	05-Feb-16 09:0	BONMECH7, BONMECH8
FGC-1.7.3 Bearing & Shaft Removal on E-3340C-F1		**9h**	**05-Feb-16 09:00**	**05-Feb-16 17:0**	05-Feb-16 17:30, FGC-1.7.3 Bearing & Shaft Removal on E-3340C-F1
A1680	Remove belt guard	1h	05-Feb-16 09:00	05-Feb-16 09:3	BONMECH7, BONMECH8
A1690	Slacken adjuster and remove belt	1h	05-Feb-16 09:30	05-Feb-16 10:0	BONMECH7, BONMECH8
A1700	Remove fan sheave	1h	05-Feb-16 10:00	05-Feb-16 10:3	BONMECH7, BONMECH8
A1710	Remove grease pipes	1h	05-Feb-16 10:30	05-Feb-16 11:0	BONMECH7, BONMECH8
A1720	Unbolt fan and pull off, leaving rigged up out of the way	3h	05-Feb-16 11:00	05-Feb-16 13:3	BONMECH7, BONMECH8
A1730	Clean the shaft above the top bearing	3h	05-Feb-16 13:30	05-Feb-16 16:0	BONMECH7, BONMECH8
A1740	Undo the grub screw on the top bearing and unbolt the bottom bearin	1h	05-Feb-16 16:00	05-Feb-16 16:3	BONMECH7, BONMECH8

Legend:
- ▮ Actual Work (blue)
- ▮ Critical Remaining Work (red)
- ▬ Summary
- ▮ Remaining Work (green)
- ◆ Milestone

Activity ID	Activity Name	Original Duration	Start	Finish	January 2016				February 2016				March 2016	
					04	11	18	25	01	08	15	22	29	07
A1750	Remove the bottom bearing complete with shaft	1h	05-Feb-16 16:30	05-Feb-16 17:0					BONMECH7, BONMECH8					
A1760	Unbolt and remove the top bearing	1h	05-Feb-16 17:00	05-Feb-16 17:3					BONMECH7, BONMECH8					
FGC-1.7.4 **New Bearing & Shaft Replacement on E-3340C-F1**		**8h**	**05-Feb-16 17:30**	**06-Feb-16 14:3**					06-Feb-16 14:30, FGC-1.7.4 New Bearing & Shaft Replacement on E-3340					
A1770	Clean up the bearing mounting areas & fan hub	1h	05-Feb-16 17:30	06-Feb-16 07:3					BONMECH7, BONMECH8					
A1780	Install the new shaft complete with bottom bearing	1h	06-Feb-16 07:30	06-Feb-16 08:3					BONMECH7, BONMECH8					
A1790	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	06-Feb-16 08:30	06-Feb-16 09:3					BONMECH7, BONMECH8					
A1800	Install the fan	1h	06-Feb-16 09:30	06-Feb-16 10:3					BONMECH7, BONMECH8					
A1810	install the grease pipes	1h	06-Feb-16 10:30	06-Feb-16 11:3					BONMECH7, BONMECH8					
A1820	Install the fan sheave, aligning it with the motor sheave	1h	06-Feb-16 11:30	06-Feb-16 12:3					BONMECH7, BONMECH8					
A1830	Install the new belt & tension	1h	06-Feb-16 12:30	06-Feb-16 13:3					BONMECH7, BONMECH8					
A1840	Install belt guard	1h	06-Feb-16 13:30	06-Feb-16 14:3					BONMECH7, BONMECH8					
FGC-1.7.5 **Bearing & Shaft Removal on E-3340C-F2**		**13h**	**06-Feb-16 14:30**	**07-Feb-16 16:3**					07-Feb-16 16:30, FGC-1.7.5 Bearing & Shaft Removal on E-3340C-F2					
A1850	Remove belt guard	1h	06-Feb-16 14:30	06-Feb-16 15:3					BONMECH7, BONMECH8					
A1860	Slacken adjuster and remove belt	1h	06-Feb-16 15:30	06-Feb-16 16:3					BONMECH7, BONMECH8					
A1870	Remove fan sheave	1h	06-Feb-16 16:30	06-Feb-16 17:3					BONMECH7, BONMECH8					
A1880	Remove grease pipes	1h	06-Feb-16 17:30	07-Feb-16 07:3					BONMECH7, BONMECH8					
A1890	Unbolt fan and pull off, leaving rigged up out of the way	3h	07-Feb-16 07:30	07-Feb-16 10:3					BONMECH7, BONMECH8					
A1900	Clean the shaft above the top bearing	3h	07-Feb-16 10:30	07-Feb-16 13:3					BONMECH7, BONMECH8					
A1910	Undo the grub screw on the top bearing and unbolt the bottom bearir	1h	07-Feb-16 13:30	07-Feb-16 14:3					BONMECH7, BONMECH8					
A1920	Remove the bottom bearing complete with shaft	1h	07-Feb-16 14:30	07-Feb-16 15:3					BONMECH7, BONMECH8					
A1930	Unbolt and remove the top bearing	1h	07-Feb-16 15:30	07-Feb-16 16:3					BONMECH7, BONMECH8					
FGC-1.7.6 **New Bearing & Shaft Replacement on E-3340C-F2**		**8h**	**07-Feb-16 16:30**	**08-Feb-16 13:3**					08-Feb-16 13:30, FGC-1.7.6 New Bearing & Shaft Replacement on E-3					
A1940	Clean up the bearing mounting areas & fan hub	1h	07-Feb-16 16:30	07-Feb-16 17:3					BONMECH7, BONMECH8					
A1950	Install the new shaft complete with bottom bearing	1h	07-Feb-16 17:30	08-Feb-16 07:3					BONMECH7, BONMECH8					
A1960	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	08-Feb-16 07:30	08-Feb-16 08:3					BONMECH7, BONMECH8					
A1970	Install the fan	1h	08-Feb-16 08:30	08-Feb-16 09:3					BONMECH7, BONMECH8					
A1980	install the grease pipes	1h	08-Feb-16 09:30	08-Feb-16 10:3					BONMECH7, BONMECH8					
A1990	Install the fan sheave, aligning it with the motor sheave	1h	08-Feb-16 10:30	08-Feb-16 11:3					BONMECH7, BONMECH8					
A2000	Install the new belt & tension	1h	08-Feb-16 11:30	08-Feb-16 12:3					BONMECH7, BONMECH8					
A2010	Install belt guard	1h	08-Feb-16 12:30	08-Feb-16 13:3					BONMECH7, BONMECH8					
FGC-1.7.7 **Bearing & Shaft Removal on E-3440C-F1**		**9h**	**08-Feb-16 13:30**	**09-Feb-16 11:0**					09-Feb-16 11:00, FGC-1.7.7 Bearing & Shaft Removal on E-3440C-F					
A2020	Remove belt guard	1h	08-Feb-16 13:30	08-Feb-16 14:3					BONMECH7, BONMECH8					
A2030	Slacken adjuster and remove belt	1h	08-Feb-16 14:00	08-Feb-16 14:3					BONMECH7, BONMECH8					
A2040	Remove fan sheave	1h	08-Feb-16 14:30	08-Feb-16 15:0					BONMECH7, BONMECH8					
A2050	Remove grease pipes	1h	08-Feb-16 15:00	08-Feb-16 15:3					BONMECH7, BONMECH8					
A2060	Unbolt fan and pull off, leaving rigged up out of the way	3h	08-Feb-16 15:30	08-Feb-16 18:0					BONMECH7, BONMECH8					
A2070	Clean the shaft above the top bearing	3h	09-Feb-16 07:00	09-Feb-16 09:3					BONMECH7, BONMECH8					
A2080	Undo the grub screw on the top bearing and unbolt the bottom bearir	1h	09-Feb-16 09:30	09-Feb-16 10:0					BONMECH7, BONMECH8					
A2090	Remove the bottom bearing complete with shaft	1h	09-Feb-16 10:00	09-Feb-16 10:3					BONMECH7, BONMECH8					
A2100	Unbolt and remove the top bearing	1h	09-Feb-16 10:30	09-Feb-16 11:0					BONMECH7, BONMECH8					
FGC-1.7.8 **New Bearing & Shaft Replacement on E-3440C-F1**		**8h**	**09-Feb-16 11:00**	**10-Feb-16 08:0**					10-Feb-16 08:00, FGC-1.7.8 New Bearing & Shaft Replacement on					
A2380	Clean up the bearing mounting areas & fan hub	1h	09-Feb-16 11:00	09-Feb-16 12:0					BONMECH7, BONMECH8					
A2390	Install the new shaft complete with bottom bearing	1h	09-Feb-16 12:00	09-Feb-16 13:0					BONMECH7, BONMECH8					
A2400	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	09-Feb-16 13:00	09-Feb-16 14:0					BONMECH7, BONMECH8					
A2410	Install the fan	1h	09-Feb-16 14:00	09-Feb-16 15:0					BONMECH7, BONMECH8					
A2420	install the grease pipes	1h	09-Feb-16 15:00	09-Feb-16 16:0					BONMECH7, BONMECH8					
A2430	Install the fan sheave, aligning it with the motor sheave	1h	09-Feb-16 16:00	09-Feb-16 17:0					BONMECH7, BONMECH8					
A2440	Install the new belt & tension	1h	09-Feb-16 17:00	09-Feb-16 18:0					BONMECH7, BONMECH8					
A2450	Install belt guard	1h	10-Feb-16 07:00	10-Feb-16 08:0					BONMECH7, BONMECH8					
FGC-1.7.9 **Bearing & Shaft Removal on E-3440C-F2**		**9h**	**10-Feb-16 08:00**	**10-Feb-16 16:3**					10-Feb-16 16:30, FGC-1.7.9 Bearing & Shaft Removal on E-3440(					
A2110	Remove belt guard	1h	10-Feb-16 08:00	10-Feb-16 08:3					BONMECH7, BONMECH8					

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Activity ID	Activity Name	Original Duration	Start	Finish	January 2016				February 2016				March 2016	
					04	11	18	25	01	08	15	22	29	07
A2120	Slacken adjuster and remove belt	1h	10-Feb-16 08:30	10-Feb-16 09:0						BONMECH7, BONMECH8				
A2130	Remove fan sheave	1h	10-Feb-16 09:00	10-Feb-16 09:3						BONMECH7, BONMECH8				
A2140	Remove grease pipes	1h	10-Feb-16 09:30	10-Feb-16 10:0						BONMECH7, BONMECH8				
A2150	Unbolt fan and pull off, leaving rigged up out of the way	3h	10-Feb-16 10:00	10-Feb-16 12:3						BONMECH7, BONMECH8				
A2160	Clean the shaft above the top bearing	3h	10-Feb-16 12:30	10-Feb-16 15:0						BONMECH7, BONMECH8				
A2170	Undo the grub screw on the top bearing and unbolt the bottom bearin	1h	10-Feb-16 15:00	10-Feb-16 15:3						BONMECH7, BONMECH8				
A2180	Remove the bottom bearing complete with shaft	1h	10-Feb-16 15:30	10-Feb-16 16:0						BONMECH7, BONMECH8				
A2190	Unbolt and remove the top bearing	1h	10-Feb-16 16:00	10-Feb-16 16:3						BONMECH7, BONMECH8				
FGC-1.7.10 New Bearing & Shaft Replacement on E-3440C-F2		**8h**	**10-Feb-16 16:30**	**11-Feb-16 13:3**						▼ 11-Feb-16 13:30, FGC-1.7.10 New Bearing & Shaft Replacemer				
A2460	Clean up the bearing mounting areas & fan hub	1h	10-Feb-16 16:30	10-Feb-16 17:3						BONMECH7, BONMECH8				
A2470	Install the new shaft complete with bottom bearing	1h	10-Feb-16 17:30	11-Feb-16 07:3						BONMECH7, BONMECH8				
A2480	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	11-Feb-16 07:30	11-Feb-16 08:3						BONMECH7, BONMECH8				
A2490	Install the fan	1h	11-Feb-16 08:30	11-Feb-16 09:3						BONMECH7, BONMECH8				
A2500	install the grease pipes	1h	11-Feb-16 09:30	11-Feb-16 10:3						BONMECH7, BONMECH8				
A2510	Install the fan sheave, aligning it with the motor sheave	1h	11-Feb-16 10:30	11-Feb-16 11:3						BONMECH7, BONMECH8				
A2520	Install the new belt & tension	1h	11-Feb-16 11:30	11-Feb-16 12:3						BONMECH7, BONMECH8				
A2530	Install belt guard	1h	11-Feb-16 12:30	11-Feb-16 13:3						BONMECH7, BONMECH8				
FGC-1.7.11 Bearing & Shaft Removal on E-3540C-F1		**9h**	**11-Feb-16 13:30**	**12-Feb-16 11:0**						▼ 12-Feb-16 11:00, FGC-1.7.11 Bearing & Shaft Removal on E-3				
A2200	Remove belt guard	1h	11-Feb-16 13:30	11-Feb-16 14:0						BONMECH7, BONMECH8				
A2210	Slacken adjuster and remove belt	1h	11-Feb-16 14:00	11-Feb-16 14:3						BONMECH7, BONMECH8				
A2220	Remove fan sheave	1h	11-Feb-16 14:30	11-Feb-16 15:0						BONMECH7, BONMECH8				
A2230	Remove grease pipes	1h	11-Feb-16 15:00	11-Feb-16 15:3						BONMECH7, BONMECH8				
A2240	Unbolt fan and pull off, leaving rigged up out of the way	3h	11-Feb-16 15:30	11-Feb-16 18:0						BONMECH7, BONMECH8				
A2250	Clean the shaft above the top bearing	3h	12-Feb-16 07:00	12-Feb-16 09:3						BONMECH7, BONMECH8				
A2260	Undo the grub screw on the top bearing and unbolt the bottom bearin	1h	12-Feb-16 09:30	12-Feb-16 10:0						BONMECH7, BONMECH8				
A2270	Remove the bottom bearing complete with shaft	1h	12-Feb-16 10:00	12-Feb-16 10:3						BONMECH7, BONMECH8				
A2280	Unbolt and remove the top bearing	1h	12-Feb-16 10:30	12-Feb-16 11:0						BONMECH7, BONMECH8				
FGC-1.7.12 New Bearing & Shaft Replacement on E-3540C-F1		**8h**	**12-Feb-16 11:00**	**13-Feb-16 08:0**						▼ 13-Feb-16 08:00, FGC-1.7.12 New Bearing & Shaft Replace				
A2540	Clean up the bearing mounting areas & fan hub	1h	12-Feb-16 11:00	12-Feb-16 12:0						BONMECH7, BONMECH8				
A2550	Install the new shaft complete with bottom bearing	1h	12-Feb-16 12:00	12-Feb-16 13:0						BONMECH7, BONMECH8				
A2560	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	12-Feb-16 13:00	12-Feb-16 14:0						BONMECH7, BONMECH8				
A2570	Install the fan	1h	12-Feb-16 14:00	12-Feb-16 15:0						BONMECH7, BONMECH8				
A2580	install the grease pipes	1h	12-Feb-16 15:00	12-Feb-16 16:0						BONMECH7, BONMECH8				
A2590	Install the fan sheave, aligning it with the motor sheave	1h	12-Feb-16 16:00	12-Feb-16 17:0						BONMECH7, BONMECH8				
A2600	Install the new belt & tension	1h	12-Feb-16 17:00	12-Feb-16 18:0						BONMECH7, BONMECH8				
A2610	Install belt guard	1h	13-Feb-16 07:00	13-Feb-16 08:0						BONMECH7, BONMECH8				
FGC-1.7.13 Bearing & Shaft Removal on E-3540C-F2		**9h**	**13-Feb-16 08:00**	**13-Feb-16 16:3**						▼ 13-Feb-16 16:30, FGC-1.7.13 Bearing & Shaft Removal on				
A2290	Remove belt guard	1h	13-Feb-16 08:00	13-Feb-16 08:3						BONMECH7, BONMECH8				
A2300	Slacken adjuster and remove belt	1h	13-Feb-16 08:30	13-Feb-16 09:0						BONMECH7, BONMECH8				
A2310	Remove fan sheave	1h	13-Feb-16 09:00	13-Feb-16 09:3						BONMECH7, BONMECH8				
A2320	Remove grease pipes	1h	13-Feb-16 09:30	13-Feb-16 10:0						BONMECH7, BONMECH8				
A2330	Unbolt fan and pull off, leaving rigged up out of the way	3h	13-Feb-16 10:00	13-Feb-16 12:3						BONMECH7, BONMECH8				
A2340	Clean the shaft above the top bearing	3h	13-Feb-16 12:30	13-Feb-16 15:0						BONMECH7, BONMECH8				
A2350	Undo the grub screw on the top bearing and unbolt the bottom bearin	1h	13-Feb-16 15:00	13-Feb-16 15:3						BONMECH7, BONMECH8				
A2360	Remove the bottom bearing complete with shaft	1h	13-Feb-16 15:30	13-Feb-16 16:0						BONMECH7, BONMECH8				
A2370	Unbolt and remove the top bearing	1h	13-Feb-16 16:00	13-Feb-16 16:3						BONMECH7, BONMECH8				
FGC-1.7.14 New Bearing & Shaft Replacement on E-3540C-F2		**8h**	**13-Feb-16 16:30**	**14-Feb-16 13:3**						▼ 14-Feb-16 13:30, FGC-1.7.14 New Bearing & Shaft Repla				
A2620	Clean up the bearing mounting areas & fan hub	1h	13-Feb-16 16:30	13-Feb-16 17:3						BONMECH7, BONMECH8				
A2630	Install the new shaft complete with bottom bearing	1h	13-Feb-16 17:30	14-Feb-16 07:3						BONMECH7, BONMECH8				
A2640	Install the top bearing, spot the shaft (9mm) and secure the grub scr	1h	14-Feb-16 07:30	14-Feb-16 08:3						BONMECH7, BONMECH8				
A2650	Install the fan	1h	14-Feb-16 08:30	14-Feb-16 09:3						BONMECH7, BONMECH8				

Legend:
- ▬ Actual Work (blue)
- ▬ Critical Remaining Work (red)
- ▬◥ Summary
- ▬ Remaining Work (green)
- ◆ Milestone

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Activity ID	Activity Name	Original Duration	Start	Finish	January 2016				February 2016				March 2016	
					04	11	18	25	01	08	15	22	29	07
A2660	install the grease pipes	1h	14-Feb-16 09:30	14-Feb-16 10:3						BONMECH7, BONMECH8				
A2670	Install the fan sheave, aligning it with the motor sheave	1h	14-Feb-16 10:30	14-Feb-16 11:3						BONMECH7, BONMECH8				
A2680	Install the new belt & tension	1h	14-Feb-16 11:30	14-Feb-16 12:3						BONMECH7, BONMECH8				
A2690	Install belt guard	1h	14-Feb-16 12:30	14-Feb-16 13:3						BONMECH7, BONMECH8				
FGC-1.8 DE-ISOLATIONS		**16h**	**06-Mar-16 13:00**	**07-Mar-16 18:0**										07-Mar-1
A122	Process de-isolations	4h	06-Mar-16 13:00	06-Mar-16 17:0										BONOPS1
A123	Electrical de-isolations	4h	06-Mar-16 17:00	07-Mar-16 10:0										BONELE
A124	MECH de-isolation (spade removals - TURBINE, COMPRESSOR &	6h	07-Mar-16 10:00	07-Mar-16 16:0										BONMEC
A125	Instrument de-isolations - (TURBINE, COMPRESSOR & GEARBOX)	2h	07-Mar-16 16:00	07-Mar-16 18:0										BONINS
FGC-1.9 PRE/COMMISSIONING		**36h**	**06-Mar-16 17:00**	**10-Mar-16 09:0**										10-
A59	Carry out pre start checks on engine (insuring all connections are fa	3h	06-Mar-16 17:00	07-Mar-16 09:0										SOLAR1,
A60	Carry out Lube oil change out	24h	08-Mar-16 07:00	10-Mar-16 09:0										BC
IP1336	Carry out pre start up checks on HP, MP/LP casings	2h	07-Mar-16 09:00	07-Mar-16 11:0										Siemens
IP1337	Flush/drain all casings	1h	07-Mar-16 11:00	07-Mar-16 12:0										Siemens
IP1347	Initiate the start sequence and run if all clear	1h	07-Mar-16 12:00	07-Mar-16 13:0										Siemens
IP1357	Observe package operation (72 hrs reliability test)	12h	07-Mar-16 13:00	08-Mar-16 14:0										Siemer
FGC-1.10 HANDOVER/CLOSE OUT		**16h**	**08-Mar-16 14:00**	**10-Mar-16 08:0**										10-
A1040	Clear work site.	8h	08-Mar-16 14:00	09-Mar-16 11:0										BON
A1050	Close PTW.	8h	09-Mar-16 11:00	10-Mar-16 08:0										BC

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