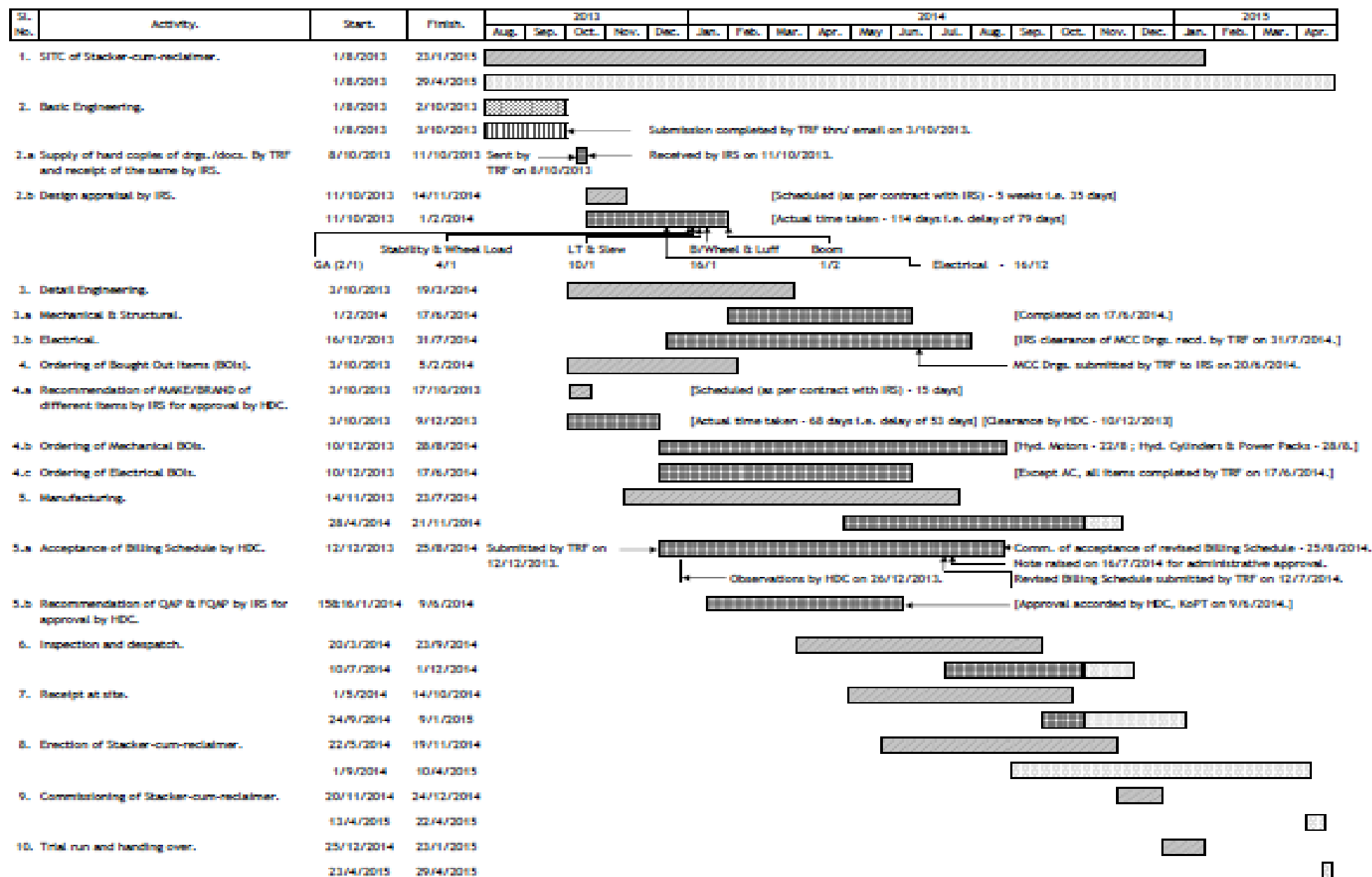


Contractor: TRF Limited (TRF) [Ref.: Order no. M/P&E/101 - C (SR)/TRF/O - 30 dated June 26, 2013]

Third Party Inspection (TPI) Agency: Indian Register of Shipping (IRS) [Ref.: Order no. M/P&E/101 - C (SR)/Inspection/IRS/O - 59 dated October 1, 2013]

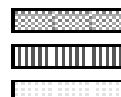


* Legend:

a) Scheduled time frame (as per L1 Schedule (Bar Chart) of TRF & contract with IRS).

b) Actual time frame (as per available record(s) and/or as indicated by TRF/IRS, as applicable).

c) Time frame projected by TRF [as per MoM dated 01/08/2014].



IMPLEMENTATION SCHEDULE FOR TWO BERTHS AT HALDIA DOCK II (North)

[Feb-08](#), [Mar-08](#), [Apr-08](#), [May-08](#), [Jun-08](#), [Jul-08](#), [Aug-08](#), [Sep-08](#), [Oct-08](#), [Nov-08](#), [Dec-08](#), [Jan-09](#), [Feb-09](#), [Mar-09](#), [Apr-09](#), [May-09](#), [Jun-09](#), [Jul-09](#), [Aug-09](#), [Sep-09](#), [Oct-09](#), [Nov-09](#), [Dec-09](#), [Jan-10](#), [Feb-10](#), [Mar-10](#), [Apr-10](#), [May-10](#), [Jun-10](#), [Jul-10](#), [Aug-10](#), [Sep-10](#), [Oct-10](#), [Nov-10](#), [Dec-10](#), [Jan-11](#), [Feb-11](#), [Mar-11](#), [Apr-11](#), [May-11](#), [Jun-11](#), [Jul-11](#), [Aug-11](#), [Sep-11](#), [Oct-11](#), [Nov-11](#), [Dec-11](#), [Jan-12](#), [Feb-12](#), [Mar-12](#), [Apr-12](#), [May-12](#), [Jun-12](#), [Jul-12](#), [Aug-12](#), [Sep-12](#), [Oct-12](#), [Nov-12](#), [Dec-12](#), [Jan-13](#), [Feb-13](#), [Mar-13](#), [Apr-13](#), [May-13](#), [Jun-13](#), [Jul-13](#), [Aug-13](#), [Sep-13](#), [Oct-13](#), [Nov-13](#), [Dec-13](#), [Jan-14](#), [Feb-14](#), [Mar-14](#), [Apr-14](#), [May-14](#), [Jun-14](#), [Jul-14](#), [Aug-14](#), [Sep-14](#), [Oct-14](#), [Nov-14](#), [Dec-14](#), [Jan-15](#), [Feb-15](#), [Mar-15](#), [Apr-15](#), [May-15](#), [Jun-15](#), [Jul-15](#), [Aug-15](#), [Sep-15](#), [Oct-15](#), [Nov-15](#), [Dec-15](#), [Jan-16](#), [Feb-16](#), [Mar-16](#), [Apr-16](#), [May-16](#), [Jun-16](#), [Jul-16](#), [Aug-16](#), [Sep-16](#), [Oct-16](#), [Nov-16](#), [Dec-16](#), [Jan-17](#), [Feb-17](#), [Mar-17](#), [Apr-17](#), [May-17](#), [Jun-17](#), [Jul-17](#), [Aug-17](#), [Sep-17](#), [Oct-17](#), [Nov-17](#), [Dec-17](#), [Feb-18](#)

[illegible]

[illegible]

Bar Chart of Replacement of NSD Lock Gate Operating Machinery

Event		Duration Months	Working Period in Months											
			2014						2015					
			June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Date of Order Placement (Zero date)	0												
2	Basic Engineering, Detail Design & Approval	5												
3	Civil Works including Piling	3												
4	Fabrication, Delivery & erection of Structures	2												
5	Manufacturing & Delivery of Equipments	4												
6	Erection of Equipment including Sheeting & Electrical etc.	2												
7	Preliminary Acceptance Test (No Load Test)	15 days												
8	Integration of Existing System with New Drive System for inner and outer	4 days												
9	Trial-Run, Commissioning & Liquidation of Defects crop up during Commissioning	2 days												
10	Performance Guarantee Test	2 days												

Work schedule for the Project of KoPT VTMS

Year		2013						2014											
Month		July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Sl. No	Activity																		
1	Placement of Work Order	26.7.13																	
2	Planning and submission of Design, Drawings by M/s KNSPL																		
3	Approval of Design, Drawings by KoPT (Civil Works)																		
4	Civil works at Dadanpatra																		
5	Civil works at Saugar																		
6	Civil works at Frasergunj																		
7	Civil Works at Haldia																		
8	Electrical Works																		
8a	Procurement of Electrical equipments, FAT etc.																		
8b	Installation, Commissioning Electrical works																		
10	VTM System Equipment																		
10a	Procuremnt of Equipments and FAT & Transportation																		
11	Installation and commissioning at sites																		
11a	Haldia																		
11b	Saugar																		
11c	Frasergunj																		
11d	Dadanpatra																		
12	System integration																		
13	Project completion																		

Work progress till date:

- Haldia : Physical progress → 80%
- Saugar : Physical progress → 80%
- Frasergunj : Physical progress → 50%
- Dadanpatra : Physical progress → 30%

