



Scope Inclusions and Quantity	Size Range	Cladding Materials
-------------------------------	------------	--------------------

Order Date	Job Ref	Project	Customer	Ultimate Customer	MLP (m)	From (inch)	To (inch)	Grade	Minimum Thickness (mm)	Project Location	Project Type
Jul-17	CT466	Block A Gas Development Project	Mitsui	Medco	7	4	12	316L/825	3	Indonesia	Onshore Facility
May-17	CT440	Anjung Gas Development Project	Petronas	Petronas	9137	18	18	825	3	Malaysia	Subsea Pipeline
Apr-17	CT446	Block A Gas Development Project	Mitsui	Medco	648	4	16	316L / 825	3	Indonesia	Onshore Pipeline
Oct-16	CT389	Testing Program	Technip	Technip	96	16	16	316L	3	UK	Testing
Oct-16	CT377	Block A Gas Development Project	Mitsui	Medco	7235	12	12	316L	3	Indonesia	Onshore Pipeline
Apr-16	CT357	Anjung Gas Development Project	Petronas	Petronas	24	18	18	825	3	Malaysia	Testing
Mar-16	CT348	Sharf-2 Gambat South Flowline	Pakistan Petroleum	Pakistan Petroleum	3,970	2	10	Duplex	3	Pakistan	Onshore Pipeline
Sep-15	CT327	Matindok Gas Development Project (MGDP)	Mitra Galperti Indonesia	Pertamina	360	2	12	825	3	Indonesia	Onshore Facility
Aug-15	CT325	MLP Trails	Heerema	Heerema	72	12	12	625	2.7	Netherlands	Testing
Apr-15	CT302	Liwan Deepwater Project	Saipem	HCML Husky CNOOC	4,300	12	12	316L	2	China	Subsea Pipeline
Sep-13	CT219	Senoro Project	Samsung Engineering	Pertamina	16,445	6	16	625	3	Indonesia	Onshore Pipeline
May-13	CT187	Damar Gas Project	Prime Sourcing International	Exxon Mobil	22,652	16	16	825	2.5	Malaysia	Subsea Pipeline
Jan-13	CT216	Perla Project	Tenaris	Cardon IV (ENI Repsol JV)	12	6	6	625	3.2	Venezuela	Subsea Pipeline
Dec-12	CT157	Perla Project	Tenaris	Cardon IV (ENI Repsol JV)	6,854	14	14	316L	3	Venezuela	Subsea Pipeline
Aug-12	CT189	Ruby Field Development	Mitra Galperti Indonesia	Pertamina	28	2	14	316L	3	Indonesia	Offshore
Jun-11	CT122	Liwan Deepwater Project	Saipem	HCML Husky CNOOC	16,477	8	22	625 & 316L	3	China	Subsea Pipeline



Scope Inclusions and Quantity	Size Range	Cladding Materials
-------------------------------	------------	--------------------

Order Date	Job Ref	Project	Customer	Ultimate Customer	MLP (m)	From (inch)	To (inch)	Grade	Minimum Thickness (mm)	Project Location	Project Type
Feb-11	CT117	Greater Western Flank	Woodside	Woodside	12	16	16	316L	3	Australia	Testing
Jun-10	CT83	TUPI BV Project	Saipem	Petrobras	29	8	8	625	3	Brazil	Testing
Feb-10	CT70	Lined Pipe for Bend Testing (DNV JIP Phase 3)	Det Norske Veritas As	Det Norske Veritas As	37	12	12	625	3	-	Testing
Jan-10	CT68	Wheatstone Development	Chevron	Chevron	12	26	26	316L	3	Australia	Testing
Dec-09	CT66	Reel Lay Bend Test Project	Technip	Technip	41	6	12	625	3	UK	Testing
Dec-09	CT65	Heavy Wall Pipe Trial Project	Tenaris	Tenaris	20	12	12	625	3	Italy	Testing
Nov-09	CT64	Lined Pipe Qualification Project	Tenaris	Petrobras	85	10	10	625	3	Brazil	Testing
Jan-09	CT50	Sunrise LNG Development Test Pipe	Woodside	Woodside	48	12	12	625	3	Australia	Testing
Aug-08	CT44	Jambi Merang Development	Rekayasa Industri	Pertamina	10,251	6	10	316L	3	Indonesia	Onshore Pipeline
Jul-08	CT41	Gas Jawa Bagian Timur Project	Pertamina	Pertamina	29,100	6	6	825	2	Indonesia	Onshore Pipeline
Dec-07	CT31	Singa Gas Development	Inti Karya Persada Teknik	MEDCO	2,613	6	6	825	2	Indonesia	Subsea Pipeline
Dec-06	CT12	Hasdrubal Gas Project	British Gas	British Gas	10,808	12	18	825	2.5	Tunisia	Subsea Pipeline
Dec-06	CT03	Harweel Project	Petrofac	PDO (Shell Oman)	28,000	14	16	825	3	Oman	Onshore Pipeline
Jan-05	CT02	Merbau Gas Gathering and Pagardewa Gas Project	Inti Karya Persada Teknik	Pertamina	49,808	4	6	825	3	Indonesia	Onshore Pipeline
Jan-04	CT01	Mutineer Exeter Development Project	Clough	Santos	10836	12.75	12.75	316L	2.5	Australia	Subsea Pipeline