



STEEL

MANUFACTURE, PRODUCTS AND CARRIAGE

22nd - 24th September 2009

DAY 1

09.15 - 09.30	<u>INTRODUCTION</u>	JCW
	Outline of Course and Objectives	
09.30 - 10.15	<u>STEEL TECHNOLOGY</u>	PJM
	The manufacture of steel products, how they are made and where they are traded, raw material, basic commodities for shipment and further processing, case studies, future developments in the Industry.	
10.15 - 10.30	COFFEE	
10.30 - 11.15	<u>RAW MATERIALS</u>	JWA
	The raw material used in iron making, Coal, Coke, Iron ore and DRI. Where they come from and how they are used in steel manufacture.	
11:15 – 12:00	<u>STEEL PRODUCTS</u>	PJM
	How basic commodities are turned into finished and specialist products. The properties and applications of steel products, what damage they can sustain, assessing insurance risks, particular risks with high added value products, case studies, and developments having impacts on the insurance market.	



12:00– 12:45	LUNCH	
12:45 – 13:30	<u>SHIPMENT OF STEEL CARGOES – THE BASICS</u>	JF-B
	Selecting vessels for the transportation of steel; vessel type (coasters, ‘tween deck & bulk carriers), hatch covers and hatch configuration;	
13:30	DEPART FOR NEWPORT DOCKS	
14:00 – 16:00	<u>VISIT TO NEWPORT DOCKS</u>	
	Guided tour of the dock area specifically those areas used to store, load and discharge steel cargoes.	
<u>DAY 2</u>		
09:00 – 12:30	<u>VISIT TO CORUS plc PORT TALBOT</u>	JCW/PJM
	Comprehensive tour of one of Europe’s most modern steel rolling mills, taking in steel production, Hot Mill, Cold Mill and zinc coating operation. The tour allows delegates to see the processes described earlier in the day. The emphasis will be on packing and transportation of the finished products.	
13:15-14:00	LUNCH	
14:00 – 14:45	<u>STEEL CARGOES – HANDLING & STOWAGE</u>	JF-B
	Avoidance of damage through correct methods of handling and proper stowage and securing in a vessel.	
14:45 – 15:30	<u>PROBLEMS ASSOCIATED WITH THE SHIPMENT OF RAW MATERIALS</u>	JWA
	Direct Reduced Iron; coal, scrap and waste products, typical types of loss. Case Studies	
15:30 – 15:45	TEA	
15:45 – 16:30	<u>STEEL CARGOES – PACKAGING & CARGO CARE</u>	JF-B
	Methods of packing; protected v unprotected products, stowage factors, handling methods and securing procedures.	



DAY 3

09:15 – 10:00	<u>INSURING STEEL AND RAW MATERIALS</u>	JCW
	Steel manufacturers, stockholders and traders. Traditional sources, new producers. Institute Cargo Clauses; coal, iron ore and DRI cargoes; examination of wordings.	
10:00 – 11:00	<u>LABORATORY TESTING OF STEEL PRODUCTS</u>	PJM
	Tour of the MTD laboratory facilities	
11:00 – 11:15	COFFEE	
11:15 – 12:00	<u>STEEL CARGOES - VENTILATION</u>	JF-B
	Condensation what causes it? Distinction between cargo sweat and ship sweat, how to avoid it.	
12:00 – 12:45	<u>PRACTICAL LOSS PREVENTION</u>	JCW
	Problems associated with inventory, intermediate storage, and post shipment storage; Land and sea combination transits. “Normal export wrap” and other ambiguities! Acceptable ‘damage’, atmospheric rust, Claused Bills of Lading, Case Studies	
12:45 – 13:30	LUNCH	
13:30 – 14:15	<u>PRACTICAL INTERVENTION IN METALS CLAIMS</u>	PJM
	Case studies highlighting the benefits of intervention to control and minimise loss.	
14:15 – 14:30	TEA	
14:30 – 15:00	<u>OPEN FORUM AND COURSE CLOSURE</u>	
15:00	TRANSPORT TO STATION	