



Project cargo

appointing dedicated experts

Heavy Lift transportation is a project prone to three **demands**:



Technical

- ✓ Stresses & strains as well as stability calculations
- ✓ Computer-aided design (CAD)
- ✓ Feasibility studies (packaging, means of transport, itineraries)
- ✓ Safety standards analysis

Functional

- ✓ Resources allocation
- ✓ Transfers of risks and costs
- ✓ Sub-contractors monitoring
- ✓ Budgets sizing (transport, insurances, loss prevention)
- ✓ Risks' assessment

Organizational

- ✓ Planning
- ✓ Coordination
- ✓ Staff monitoring
- ✓ Costs control

In order to prevent risks from developing
an independent and dedicated expert must be present
 at critical control points of the project.
 However it is advisable to specify what is expected of him.

Dedicated expert's role

A preliminary risks assessment should concentrate the choice of the dedicated expert who shall see to:

- Respect for prevailing standards
- Compliance with technical and contract procedures
- Examination of maintenance's level for implemented equipments
- Validation of possible corrective actions
- Release of a summary note



Wrong packaging



The dedicated expert acts on behalf of the principal: he observes and reports on difficulties that the situation might come across.

Selection

Data gathering and contact-making are necessary. Risks factors which have been detected beforehand determine the selection.

Type of risks	Selection criterion (Dedicated expert)
Value-at-risk accumulation	Professional Experience
Mode of transport	Degree of technicality / specialization
Location of critical control points	Nearness / sphere of operation
	Knowledge of local background



Dedicated expert's selection process must be anticipated several weeks prior the first critical move.

A relevant selection increases survey's cost-effectiveness.

Appointment

Dedicated expert's added value depends on support from his principal for preparation work upon formal appointment. For the best technical analysis and a quick start of action, following pieces of information should be passed on to him.

- Full details (Name, mobile phone number, etc) of the project management and his local representative
- Full details of the project forwarder, the carrier, ship's agent, stevedores, subcontractors and their local representatives
- Critical items (Heavy Lift) transport drawings (weight, dimensions, pocket plans)
- Complete packing list of ancillary items of cargo
- Description of packaging performed for transport and instruction for storage
- Project background (pre-carriage, Ex-works conditions, etc.)
- Description of lifting, securing arrangements (including equipment at disposal)
- Description of means of transport intended to be used (technical details of trailers / barges / vessels)
- In case of sea transport, the ship's stow plan
- Lashing plans and calculation
- Schedules

As a minimum the dedicated expert should be formally appointed with a 5-days notice prior the scheduled move.