

**6. STEVEDORAGE OF THE KOREA  
PORT LOGISTICS ASSOCIATION**  
(effective from 19th March, 2015)

(1) TARIFF RATE OF GENERAL STEVEDORING OPERATIONS

1) Basic rate

A. Onboard operations/barge operations/loading/unloading/shore operations.

(Won per ton)

Classification		Onboard Operations	Bare Operations (loading/unloading)	Shore Operations	
Unitized cargo	Palletized	Plywood	4,807	3,113	
		Others	5,826	3,758	
	Pre-Slung, Bag Container Cargo		2,628	5,652	3,497
	Container(per 20 container)		43,296	36,393	
	Lash barge(full)		557		
Generally packaged cargo	Goods packed		5,130	8,276	4,951
	Goods in Box		4,326	7,871	4,568
	Goods in bale		2,973	6,240	4,951
	Goods in bundle		2,446	5,208	4,013
	Frozen goods		6,809	10,858	6,579
	Refrigerated goods, fresh fish, hides & skins		6,796	10,837	6,566
	Miscellaneous (Rubber, Pulp, Paper, Cable, Tire, Drum, Sheet Glass, Nonferrous Metal)		2,613	5,990	3,775
Bare cargo	Automobiles, motor cycle		2,924	6,559	4,403
	Heavy equipment, boat		2,479	5,356	3,621
	Stone, processed stone, rocks		3,116	7,289	4,734
	Machinery & parts, metallic products electronic/electric/photographic/medical equipment, appliances or instruments		3,322	6,685	4,282
	Iron & steel products	Coil, pipe, tubes (out dia from 12 " up)	2,398	5,254	3,354
		Other steel products	2,717	5,936	3,758
	Douglas pine(North America origin)		2,352	4,857	3,569
	Lauan(S. E. Asia origin)		2,637	5,230	3,363

Bare cargo	Electric poles, puncheon, cross ties, timber in bulk, teak, nursery trees	3,168	5,850	4,178
	Steel scrap	4,484	8,760	5,595
Break bulk cargo	Ore(including fertilizer, powder)	3,600	4,398	2,768
	Coal	2,994	4,330	2,710
	Salt	3,133	4,439	2,901
	Grain(wheat, corn, rice, indian millet, barley, soybean)	2,143	4,493	2,851
	Raw materials for livestock feed (Grain bran, Dust, powder)	3,606	4,806	3,084
	Other bulk cargo	3,145	5,026	3,358

Note 1. For onboard operation at inside of Incheon tidal basin, the basic rates shall be 95% of this Tariff.

Note 2. For onboard operation at outside Incheon tidal basin, ports of Boryeong, Janghang, Gunsan, Daesan, Pyeongtaek and Mokpo, the basic rates shall be 105% of this tariff.

Note 3. For barge operation at outside of Incheon tidal basin, ports of Boryeong, Janghang, Gunsan, Daesan, Pyeongtaek, and Mokpo, the basic rates shall be 102% of this Tariff.

Note 4. The Tariff rates for container, and lashing shall be commonly applicable for all the Korean ports.

#### B. Barge towing charge

(Won per ton)

Classification	Rate
pre-sling cargo, bag-container, goods in bag/sack/box/carton/bundle/bale, iron & steel products.	3,742
palletized cargo, machinery & parts, metals, electronic/electric/photographic/medical equipment, instruments or appliances, vehicles, heavy construction equipment, miscellaneous.	4,312
frozen/cold-storage cargo, stone, rocks, processed stone, steel scrap.	4,867
log timber/lumber, electric poles, cross ties, puncheon, teak, tree	3,909
container(per 20' container)	53,344
bulk cargo	3,012

Note : 80% of the Tariff shall apply for operation at the inside of Incheon tidal basin and 104% of the Tariff respectively at the outside of Incheon tidal basin, ports of Gunsan, Janghang, Boryeong, Daesan, Pyeongtaek and Mokpo.

## C. Banding &amp; towing charges for log

(Won per ton)

Classification	Banding	Banding arbor	Cramping	Cylindrical Round Banding	Towing Charge	Storage
Douglass pine	1,055	1,920			1,460	575
Lauan			1,047	1,647	1,460	561

D. Bagging charges for bulk cargo : ₩ 5,442 per ton

Raw materials for livestock feed : ₩ 6,993 per ton

E. Cargo transfer/removal charge

• By labour

(Won per ton)

Distance of removal	Up to 50m	Per every 20m exceeding the first 50m
Rate	1,835	916

• By vehicles(within port facilities area)

(Won per ton)

Distance of removal	Up to 2km	Up to 4km	Up to 6km
Rate	3,279	4,073	4,641

※ Remarks : In case of bulk cargo, 70% of the above rate shall apply.

## 2) Additional charges

Classification		Description		Premium rate	Applied rate	
Cargo premium	• Heavy lift & bulk cargo	by labour	general cargo(kg) 80~200 over 200~400	lumber(B/F) 48~120 over 120~240	30% 50%  20% 30% 50% 70% open rate	● basic rate (excluding container, bag container(cement), lash, log, and barge transport cargo) ● incidental rate
		by machinery	over 400~700 over 700~5,000 over 5,000~15,000 over 15,000~30,000 over 30,000	over 240~600 over 600~1,200 over 1,200		

Classification		Description	Premium rate	Applied rate
Cargo premium	· lengthy cargo	9m~16m over 16m~20m over 20m	20% 30% open rate	● basic rate (excluding container, lash, log and barge transport cargo) ● incidental rate
	· deteriorating /harmful cargo	deterioration, soluble, adhesive, freezing, heat generation, solidifying or dusty cargo which is harmful or injurious to human health.	max, 100% (frozen fish shall be charged within 140%, frozen fish in bulk within 150%)	● basic rate ● incidental rate
	· Dangerous cargo	- Group A : radioactive substance, gun powder products(exclusive of gun powder products in grade and isolation division 1.4s), poisonous and igniting gas products. - Group B : container's grade I or II cargoes, no poisonous and ignition gas products, gun powder products (grade and isolation division 1.4s) - Group C : cargoes Belonging to the container's grade III	100%  60%  40%	● incidental rate ● basic rate
Working condition premium	· Bad weather & forced work	when cargo operations are performed on a rainy, snowy day, yellow sand or during bad weather, or in case of cargo operations being performed forcibly : basis on weather warning forecast	50% (10% when over 30°C & under -10°C weather)	● basic rate ● incidental rate
	· Outer harbour operations	When cargo operations are performed outside breakwater or at outer harbour within port boundary	40%	● basic rate of onboard operations ● barge towing charge(excluding Incheon port)
	· Holiday	New Year day(1st January) Lunar calendar's New year day (lunar calendar 30th Dec., 1st and 2nd January) Independence Movement day(1st March) Buddha's birthday(lunar calendar 8th April) Labors day(1st May) Children's day(5th May) Memorial day(6th June) Independence day(15th August) Moon Festival day (lunar calendar 14th, 15th and 16th August) National foundation's day(3rd October) Hangu! Proclamation Day(9th October) Christmas day(25th December) All the temporary holidays designated by government Others : Port Labor Union day 19th September and Saturday	50% (The premium on towing charge shall be 30%)	● basic rate ● incidental rate

Classification		Description	Premium rate	Applied rate
Working condition premium	• Night time	Jan.-Mar. 18:00 hours to 07:00 hours Apr.-Jun. 19:00 hours to 05:00 hours Jul.-Sept. 19:00 hours to 06:00 hours Oct.-Dec. 17:00 hours to 07:00 hours	50%	<input type="radio"/> basic rate <input type="radio"/> incidental rate
	• General cargo loading operation	For the onboard operations of loading general cargo for outbound vessel. But, not chargeable when performed by machinery automation system	10%	<input type="radio"/> basic rate of onboard operation (not charged on container, lash and bulk cargo)
	• Operations in ship's tank/locker	For the cargo operations in ship's tank or locker	40%	<input type="radio"/> basic rate of onboard operation
	• Summer time operations	For the cargo operations of loading/unloading pitch(packed or bulk) or asphalt during summer season(1st Jun-30th Sept)	30%	<input type="radio"/> basic rate <input type="radio"/> incidental rate
	• Operations at outer harbours of Gunsan & Janghang	For the cargo operations at outer harbours(Bieungdo) of Gunsan & Janghang	100%	<input type="radio"/> basic rate
	• Transfer operations from pontoon pier	For the cargo transfer operation from pontoon pier, excluding via conveyor belt	100%	<input type="radio"/> basic rate of cargo transfer removal charge
	• Coal & cement handling	For the cargo operations of loading/unloading coal or cement in bulk	25%	<input type="radio"/> basic rate of onboard operations <input type="radio"/> basic rate of barge operations (loading /unloading) <input type="radio"/> basic rate of shore operations
	• Premium for Bulk Cargo & General Cargo	ore(Lump) sulphur, cokes(lump), pitch, soda ash  in case of each piece of pulp and glass plate including glass products exceeding 250kgs weight  in case of each piece of pulp and glass plate including glass products not exceeding 250kgs weight	30% of the ore rate 30% of the bulk rate 30% of the general cargo rate  100% of the general cargo rate	
	• Multi-deck ship	in case of tween-deck or multi-deck	7%	<input type="radio"/> basic rate of onboard operation
• Grain for North Korea	For the 40 kgs P.P bagged grain for N. Korea support	Max. 100%	<input type="radio"/> basic rate	



Classification	Application	Rate
• Machinery/equipment charge for loading/unloading onto/from container barges	When the machinery/equipment is furnished by the stevedore	KRW 29,481 per container
• container stuffing (Unstuffing)	When container stuffing or unstuffing service is provided by stevedore	KRW 1,593 per ton
• Palletizing	when palletizing(fastening) for loading operation	70% of the basic rate of onboard operations
• Operation Charges for warship and/of naval vessels	1) onboard operation 2) onboard operation that is performed in combination with loading/rate (loading/unloading) operations	65% of barge operation rate(loading/unloading) 100% of barge operation rate (loading/unloading)
• Stevedore retirement allowance	1) general cargo(port to port) 2) barge operation by machinery for the sand cargo at Incheon 3) shore operation by Busan stevedore union member 4) Busan Port and Incheon Port	12% of the basic rate of onboard operations 1/12 of wage of the worker 1/12 of wage of the worker 11.5% of the basic rate of onboard operations
• Fund for modernized port facilities	1) general cargo(port to port) 2) Incheon Port (from 1st March, 2011) 3) exception : Pyeongtaek & Dangjin(Pyeongtaek area)	1.0% of the basic rate of onboard operations 0.5% of the basic rate of onboard operations

B. Open rates(between ship/cargo owners and stevedore company)

- Weighing charge : When cargo weighing service is provided.
- Cleaning charge : When cleaning is required necessary during the period of cargo operations.
- Re-bagging/repacking charge : When rebagging/rapacking service is provided for the cargo damaged by the reason not attributable to the stevedores.

- Log demurrage : When taking logs into log storage pond th delayed by the reason not attributable to stevedores and thereby kept in stevedores' custody for more than 7 days on the stream.
- Canvas/tarpaulin charge : When canvas or tarpaulin is furnished by stevedores owing to the nature of cargo
- Special equipment/machinery charge
  - Onboard operations : Chargeable when machinery or other necessary equipment is furnished by stevedore at the request of carrier or cargo owner. But in case of handling bulk cargo, this charge shall apply only to such machinery/equipment furnished to substitute for derrick powers.
  - Barge or shore operations : Chargeable when machinery or equipment other than the stevedore's basic machinery/equipment i.e., a crane of 45 ton capacity, fork-lift truck & pay-loaders is specially furnished by stevedore for cargo operations.
- Agency fee : When stevedore is requested by cargo owner to perform, on cargo owner's behalf, any paperwork or formalities in connection with cargo operations.
- Barge detention charge : When barge is occupied more than the customarily allowed time by the reason not attributable to stevedore.
- Storage on barge : When cargo is kept on barge for transshipment.
- Shore operations charge for container to be charged when any of such shore operations are provided to container as defined in the article of the following general provisions.
- Military cargo operation charge : When military cargo is handled on hourly basis.
- Watchman service charges : When cargo is kept under stevedore's watch at the request of carrier or cargo owner.
- Transfer/removal charge for super-weight cargo : When a unit cargo over 50 weight ton is transferred by special vehicle.
- Log operation charge : In case that the loaded logs are laden together long timber and short one in same hold.

#### □ General Provisions

- 1) Application of tariff rate : This tariff rate shall apply to the cargo operations



classified as onboard operations, barge operations (loading/ unloading), shore operations, barge towing operations and other related operations, performed within the area of port facilities in an ordinary and customary manner.

2) Definition and extent of cargo operations under this tariff.

- Onboard operations shall define each of the following operations.
  - Unloading operations : To offload cargo from vessel either onto pier or onto barge where cargo shall be unhooked.
  - Loading operations : To load cargo onboard the vessel after cargo has been hooked either on the pier or on the barge, and to stow the cargo in the holds of vessel.
  
- Barge operations (loading/unloading) shall define each of the following operations.
  - Unloading from barge operations : The cargo operations combining two consecutive stages of cargo handling—unloading cargo from the barge stationed afloat alongside quay (pier), and loading the cargo properly onto truck for transportation.
  - Loading onto barge operations : Two consecutive stages of cargo handling. To unload cargo from truck and thereafter to load cargo properly on the barge stationed afloat alongside quay (pier).
  
- Shore operations shall define each of the following operations.
  - Loading onto truck operations : To load cargo properly on truck after cargo has been unloaded from ship and unhooked.
  - Unloading from truck operations : To unload cargo from truck, and thereafter to move the cargo to the area within the reach of ship's tackle.
  - Unwarehousing & loading onto truck operations : To take out the cargo from warehouse (open storage yard) and to load properly onto truck.
  - Unloading from truck & warehousing operations : To offload cargo from truck and thereafter to stow properly in warehouse (open storage yard).
  
- Barge towing operations shall represent each of the following operations.
  - Towing operations between ship and quay (pier) : To tow the cargo laden barge from ship's side to quay (pier) where cargo shall be landed,

or to tow cargo-laden barge from quay (pier) to ship's side.

- Towing operations between quay (pier) and quay (pier) : To two cargo laden barge from quay (pier) where barge has been stationed alongside, to another quay (pier) where cargo shall be landed.
- Even if barge is employed for cargo shifting or transshipment, it shall be considered as if barge towing operations have been performed.

3) Application of container stevedorage

- The basic rate for container shall apply to 20' container only carried by full container ship.
- A ship whose loading/unloading operations is done by container crane.
- A ship that carries containers only either on deck or in the holds.

• Rate schedule

Type	Descriptions	Rate
20'	20' and under	As per basic rate schedule
24'	24' type container	120% of basic rate
40'	over 24' - 40' (8'x8'x40')	180% of basic rate. But in case of barge towing operations, 200% of basic rate.
Hi cubic container	9.5'x8'x40' and under	The converted (prorated) rate per revenue ton of 40' container shall be multiplied by the revenue ton of the Hi cubic container.
Special type container	over 40' (8'x8'x40')	The converted (prorated) rate per revenue ton of 40' container shall be multiplied by the revenue ton of the special type container.

- Non-full containership shall be charged 140% of the above rate.
- Empty container shall be charged 50% of the above rate.

4) Empty lash barge shall be charged 95% of the basic rate of onboard operations for lash barge (full).

5) Application of rebagging (bagging) charge for bulk cargo

- Standard weight per bag shall be 50kgs, and in case of bagging less than standard weight, the basic rate shall be proportionally increased by 10% per 10kgs less.

- Bagging materials shall be borne by cargo owner.
  - The charge for fixed weighing at the request of cargo owner shall be based on open rate.
  - The basic rate includes the weighing charge.
- 6) Application of trucking charge
- In case that the cargo transfer charge cannot be based on the cargo tonnage but based on vehicle unit, the trucking rate shall be charged instead.
- 7) The basic working distance for every cargo operations shall be 30 meters.
- 8) Calculation of charges
- Weight and measurement ton under this tariff rate shall represent 1,000kgs and 40 cubic feet(or 1.133m<sup>3</sup>) respectively including packing materials, while lumber ton shall be 480 board feet.
  - Revenue ton shall be based on weight or measurement whichever produces the greater revenue except for bulk cargo which shall be based on weight ton.
  - Export : cargo under one revenue ton per B/L shall be taken to be one revenue ton.
  - Import : cargo under two revenue tons per B/L shall be taken to be two revenue tons.
  - Minimum stevedorage per vessel shall be ₩ 73,518
  - Any fraction under one (1) ton shall be counted in first decimal place by rounding off to the second decimal place.
  - The amount per bill shall be counted in ten (10) Won by rounding off.
- 9) The open rates
- The open rates shall be determined by mutual agreement between the parties concerned. However, in case of the number of the parties being so many or unspecified as to hardly reach the mutual agreement, then the rate reported to Regional Maritime Affairs and Port Authorities by the Korea Port Stevedores Association at each port, shall be charged.
- 10) Calculation of premium charge
- Each basic premium charge shall be obtained by multiplying each basic

amount by each applicable premium rate.

- When different premium charges overlap, each relevant premium charge shall be calculated by multiplying the premium rate by the basic rate, and the amount thus obtained shall be added together. However, if such premiums as lengthy/heavy lift & bulk cargo premium overlap, only the highest premium shall be charged.
- Application rule of heavy lift & bulk cargo premium
  - Bulk cargo premium charge shall be obtained by multiplying the measurement tons of cargo by the basic premium rate applicable to the weight of the cargo.
  - The premium rate for large volume of unitized cargo over 15,000kgs per package shall be 50%.
  - This premium clause shall not be applied when more than two (2) packages are combined by stevedore for cargo operations.
- Holiday premium shall not be charged separately even if national holiday, celebration day, etc. overlaps.
- Exception of Premium Charge
  - No heavy lift or lengthy cargo premium shall be charged for self-moving cargo(vehicles) being transported on its own power.
  - No premium charge shall be applicable for hatch cover/beam opening/closing, and stevedore retirement allowance.
  - No premium charges except dangerous cargo shall be applicable for trucking charge.

#### 11) Others

- To the cargo not specified in the basic tariff rate schedule above, the basic rate for the similar cargo specified in the schedule shall apply.
- The cargo classified in two types due to its shape and its item shall be charged based on its item.
- For cargo that requires special cargo operations or treatment, the special rate shall be applied after the Regional Port Authority's approval on the rate declared to the Authority by the Korea Port Stevedores Association.
- Demurrage and/or despatch money shall be based on the mutual agreement between the parties concerned.
- Customs fee or other official charges in obtaining permission of cargo operations on Sunday, holiday or during non-office hours shall be paid

- by ship owner/its agent, or cargo owner who requested such operations.
- General cargo handled in the container terminal shall be charged 120% of the basic rate.
  - The rates to be not specified in this tariff are based on the incidental open rates.
  - Value Added Tax is not included in this Tariff rate.

(2) TARIFF RATE FOR SPECIAL STEVEDORING OPERATIONS

1) Basic rates

A. Basic stevedorage at grain terminal

(Won per ton)

Port		Rate	Application
Busan	stevedorage	2,835	<ul style="list-style-type: none"> <li>Free storage shall be allowed for 15days from the following day after completion of operations discharge of cargo from ship.</li> <li>The basic demurrage for the cargo in excess of free storage period shall be ₩55 per ton/day for the first 5 exceeding days, but after that, 50% basic rate shall be charged additionally for a period of every 5 exceeding days.</li> </ul>
	facilities usage charge	4,042	
Incheon	stevedorage	3,221	<ul style="list-style-type: none"> <li>Free storage shall be allowed for 15days from the following day after completion of operations discharge of cargo from ship.</li> <li>The basic demurrage for the cargo in excess of free storage period shall be ₩55 per ton/day for the first 5 exceeding days, but after that, 50% basic rate shall be charged additionally for a period of every 5 exceeding days.</li> </ul>
	facilities usage charge	3,500	
Ulsan	stevedorage	2,877	<ul style="list-style-type: none"> <li>The basic rate is inclusive of charge for unloading from vessel, loading onto truck, transferring to store facilities(silo) by belt conveyor or truck, carrying into warehouses storing(15days), loading onto truck and weighting of truck laden cargo.</li> <li>For the cargo operations in the ship's hold/tank which has no stripping pipe line, the tariff rate for general stevedoring operations shall be charged.</li> <li>Stevedorage of sub-material for feed(such as crushing corn, etc.) shall be decided under agreement between cargo owners and stevedore company.</li> </ul>
	facilities usage charge	4,042	
Gunsan	stevedorage	3,221	<ul style="list-style-type: none"> <li>For the cargo operations in the ship's hold/tank which has no stripping pipe line, the tariff rate for general stevedoring operations shall be charged.</li> <li>Stevedorage of sub-material for feed(such as crushing corn, etc.) shall be decided under agreement between cargo owners and stevedore company.</li> </ul>
	facilities usage charge	4,042	

B. Self-moving cargo operations charge(car ferry)

(Won per ton)

Description	Vehicles	Cargo on Vehicle
Rate	1,554	1,190

C. Car carrier

(Won per ton)

Description	Ro/Ro	
	PCC	CBC
Rate	1,161	1,360

## D. Special mechanized cargo operations

## • Operation by unloader

(Won per ton)

Port	Rate	Application
Pohang	372	only for onboard stevedoring operation of ore, coal and etc. by unloader installed in the port of Pohang by POSCO
	366	only for onboard stevedoring operation of ore, coal and etc. by CSU installed in the port of Pohang by POSCO
Gwangyang	372	only for onboard stevedoring operation of ore, coal and etc. by unloader installed in the port of Gwangyang by POSCO * Bucket exchange working included
	364	only for onboard stevedoring operation of ore, coal and etc. by unloader installed in the port of Gwangyang by POSCO * Bucket exchange working excluded
	366	only for onboard stevedoring operation of ore, coal and etc. by CSU installed in the port of Gwangyang by POSCO
Boryeong, Taeon, Dangjin, Yeongheung, Samcheonpo & Hadong	448	Integrated operation of coal by unloader installed by KEPCO
Boryeong, Taeon, Dangjin, Yeongheung, Samcheonpo & Hadong	1,360	Integrated operation of desulfurizing yellow calcite and grey stone by unloader(CSU) installed at the lighter's wharf by KEPCO(but, equipment usage charge added onboard operation) yellow calcite/lime stone
Pyeongtaek & Dangjin	346	only for onboard stevedoring operation of ore, coal and etc. by CSU installed in the port of Pyeongtaek & Dangjin by Hyundai Steel.

## · L.L.C. &amp; B.T.C. Operation

(Won per ton)

Cargo	Port	Rate	Application
Steel products	Pohang	2,084	Only for onboard stevedoring operation of POSCO's steel products by L.L.C. & B.T.C. installed in the port of Pohang by POSCO.
	Gwangyang	1,866	Only for onboard stevedoring operation fo POSCO's steel products by L.L.C. & B.T.C. installed in the port of Gwangyang by POSCO.
	Pyeongtaek & Dangjin	1,813	Only for onboard stevedoring operation of SLAB of Hyundai Steel and hot coils of Hyundai Steel, Hundai HYSCO, DongBu Steel & Husteel by L.L.C. & B.T.C. installed in the port of Pyeongtaek & Dangjin by Hyundai Steel.
		1,813	Only for onboard stevedoring operation of SLAB, Steel Plate, Section Steel and Shape Steel of DongKuk Steel by L.L.C. & B.T.C. installed in the port of Pyeongtaek & Dangjin by DongKuk Steel.
Steel scrap	Pohang & Gwangyang	1,665	Only for the cargo operation by L.L.C. & B.T.C. in the ports of Pohang by Gwangyang installed by POSCO and L.L.C. in the port of Pohang installed by INI Steel.
	Pyeongtaek & Dangjin	1,617	Only for onboard operation of scrap, pig iron & MILL SCALE by L.L.C. in the ports of Pyeongtaek & Dangjin installed by Hyundai Steel.
		1,617	Only for onboard stevedoring operation of Metal Scrap, Pig Iron and MILL SCALE of DongKuk Steel by L.L.C. & B.T.C. installed in the port of Pyeongtaek & Dangjin by DongKuk Steel.

## · L.L.C. Operation at Masan Port

(Won per ton)

Classification	Rate	Application
Machinery operation charges	3,228	Applicable for the LLC Operation At No. 4 Pier in the Port of Masan
Charge for facilities	2,010	



## · BTC Operation

(Won per ton)

Cargo	Port	Rate	Application
Steel product	Pyeongtaek	2,153	Onboard operation of POSCO products with BTC installed by POSCO
	Masan	2,230	
	Gwangyang	2,249	Onboard operation of Hyundai HYSCO's hot/cold products with BTC installed by Hyundai HYSCO

## · C.T.S. Operation

(Won per ton)

Classification	Port	Items	Charges	Application
Facilities usage charges	Pohang	Carrying-in charges	1,642	Unloading operation by unloader (Excluding onboard operation), transfer by belt conveyor and integrated operation by staker
		Carrying-out charges	1,627	Carrying-out by reclaimer and integrated loading operation by conveyor belt.
	Gwangyang	Carrying-in charges	2,683	Unloading operation by unloader (excluding onboard operation), transfer by belt conveyor and integrated operation by staker
		Carrying-out charges	1,787	Carrying-out by reclaimer, transfer by belt conveyor and integrated loading operation by ship loader
Mechanical operation charges	Hadong & Samcheonpo	Ship-loader	339	Only for onboard operation of coal etc. by ship-loader installed by KEPCO.
	Pohang	Ship-loader	221	Only for onboard operation of coal etc. by ship-loader installed by POSCO
	Gwangyang	Ship-loader	221	
			Self-unloader	493

※ Remarks : No premium shall be applied on the facilities usage charges.

• Operation for cement clinker at Donghae port

(Won per ton)

	Charges	Application
Donghae	424	Applicable for clinker machinery operation at the Ports of Donghae, Samcheok, Okgye and Mukho.

E. Coal terminal stevedorage

(Won per ton)

Port	Classification	Basic	Remarks	
Incheon	Mechanical operations	2,357	* Free Storage permit : 15 days * The basic demurrage for the cargo in excess of free storage period shall be ₩14/ton/day for the first 5 days and thereafter 20% of the basic rate shall additionally apply for a period of every 5 days.	
	Facilities usage charge	5,043		
Ulsan	Mechanical operations	1,020		
	Facilities utilization charge	7,854		
Mokpo	Mechanical operations	1,341		* Free Storage permit : 15 days * The basic demurrage for the cargo in excess of free storage period shall be ₩29/ton/day for the first 5 days and thereafter 50% of the basic rate shall additionally apply for a period of every 5 days.
	Facilities usage charge	3,990		
Donghae	Mechanical operations	692		
	Facilities usage charge	2,925		
Mukho	Coal transfer conveyor	2,078		

## F. Ro-Ro terminal stevedorage

(Won per ton)

Port	cassette	Rate	Application
Pyeongtaek	full cassette	704	o Only for onboard stevedoring operation of POSCO's coil products at the Ro/Ro terminal installed by POSCO.  o All kinds of additional charges are included.
	empty cassette	562	
Masan	full cassette	540	
	empty cassette	432	
Pohang	full cassette	466	
	empty cassette	374	
Gwangyang	full cassette	726	
	empty cassette	575	

## G. Lime stone terminal stevedorage

Port	Classification	Rate	Application
Donghae	Mechanical operations	289	only applied for the mechanical operation at lime stone terminal port of Donghae
	Facilities usage charge	2,336	

## 2) Additional charges

Classification	Description	Premium rate
Dangerous cargo	- Group A : radioactive substance, gun powder products(exclusive of gun powder products in grade and isolation division 1.4s), poisonous and igniting gas products.	100%
	- Group B : container's grade I or II cargoes, no poisonous and ignition gas products, gun powder products(grade and isolation division 1.4s).	60%
	- Group C : cargoes Belonging to the container's grade III	40%

Classification	Description	Premium rate
Bad weather & forced work	when cargo operations are performed on a rainy, snowy day, yellow sand or during bad weather, or in case of the cargo operations being performed forcedly : basis on weather warning forecast	50%
Holidays	New Year day(1st January) Lunar calendar's New Year day (30th Dec., 1st and 2nd January) Independence Movement day(1st March) Buddha's birthday(lunar calendar 8th April) Labor day(1st May) Children's day(5th May) Memorial day(6th June) Independence day(15th August) Moon Festival day (lunar calendar 14th, 15th and 16th August) National Foundation's day(3rd October) Hangul Proclamation Day(9th October) Christmas day(25th December) All the temporary holidays designated by government Others : Port Labor Union day 19th September and Saturday	50%
Night time	Jan.~ Mar. 18:00 hours to 07:00 hours Apr.~ Jun. 19:00 hours to 05:00 hours Jul.~ Sep. 19:00 hours to 06:00 hours Oct.~ Dec. 17:00 hours to 07:00 hours	50%
Grain cargo	When unloading grain which is stowed in more than tween deck conventional ship	5%
Usage of general pier by Automobile	When PCC makes use of general pier which is not exclusively Ro/Ro terminal	5%
Dangerous allowance of signal man	Only limited to the signal man working with unloader equipped at Pohang, Gwangyang, Boryeong, Taeon, Dangjin, Yeongheung, Samcheonpo & Hadong, and onboard stevedoring operation by LLC/BTC installed in the port of Pohang, Gwangyang	₩ 1/ton
Bad weather (Hot/Cold)	In case of operation by unloader & LLC/BTC machines(over 30℃ & under-10℃ by local weather forecast)	5% of the basic rate
Coal and ore cargo	• Working with unloader equipped at Pohang, Gwangyang, Boryeong, Taeon, Dangjin, Yeongheung, Samcheonpo & Hadong / working with C.T.S shiploader and selfunloader equipped at Pohang, Gwangyang and Hadong	10% of the basic rate
	• Working with unloader equipped at Pohang, and Gwangyang by POSCO	10% of the basic rate
	• Onboard stevedoring operation of coal and etc. by selfloader equipped on Ship at Korea East-West Power Corporation in the port of Gwangyang.	25% of the basic rate
Steel products	Cold coil operation onboard with LLC/BTC equipped at Gwangyang by POSCO & Hyundai HYSCO	13% of the basic rate

## 3) Incidental rate

(Won per ton)

Classification	Description	Basic rate		
Bagging charge for bulk cargo	General cargo	5,463		
	By-products for livestock feed	7,022		
Stevedores retirement allowance	Grain terminal operation	40		
	Self-moving cargo on car ferry	vehicles	77	
		cargo on vehicles	64	
	Car carrier	Ro/Ro	PCC	81
			CBC	98
	Operation by unloader	Pohang/Gwangyang		28
		Boryeong/Taeon/Dangjin/ YeongHeung		22
		Samcheonpo/Hadong		20
		Boryeong/Taeon/Dangjin /Hadong/Samcheonpo Yeongheung(CSU unloader)		26
		Pyeongtaek/Dangjin(CSU)		26
	LLC & BTC operation	Steel	Pohang	86
			Gwangyang	67
		Pyeongtaek/ Dangjin		102
Scrap		Pohang/ Gwangyang		47
	Pyeongtaek/ Dangjin		66	
Stevedores retirement allowance	Masan port LLC operation		176	
	BTC operation at Pyeongtaek		65	
	BTC operation at Masan and Gwangyang		67	
	CTS operation(shiploader and self-unloader)		27	
	Clinker		40	
	Coal pier	Incheon		99
		Mokpo		40
		Donghae		27
		Ulsan		81
Lime stone exclusive pier	Donghae		20	
Cleaning charge	When cleaning is required necessary during the period of cargo operations	open rate		
Hatch cover/beam opening/closing	- Hatch cover/beam opening/closing charge : (a) per hatch per opening/closing (b) In case of automatically motivation steel hatch covers, this charge shall be applicable only when twin deck cover is opened and closed	48,016		
	- Derrick rigging, standing & trimming charge(per derrick per hatch) * No charge shall be made when vessel's crew performed above services	48,016		
Fund for modernized port facilities	1) Temporarily port workers are engaged(Including working with unloader at Yeongheung power plant) 2) Incheon Port (from 1st March, 2011) 3) Not available in the port of Pyeongtaek & Dangjin (Pyeongtaek area)	0.5% of the basic rate 0.25% of the basic rate		

## □ General Provisions

### 1) Calculation rule of charges

- Weight and measurement ton under this tariff rate shall represent 1,000 kgs and 40 cubic feet(or 1.133m<sup>3</sup>) respectively including packing materials, while lumber ton shall be 480 board feet.
- Revenue ton shall be based on weight or measurement whichever produces the greater revenue except for break bulk cargo which shall be based on weight ton.
- Any fraction under one(1) ton shall be counted in first decimal place by rounding off to the second decimal place.
- The amount per bill shall be counted in ten(10) Won by rounding off.

### 2) Application of rebagging(bagging) charge for bulk cargo

- Standard weight per bag shall be 50kgs, and in case of bagging less than standard weight, the basic rate shall be proportionally increased by 10% per 10kgs less.
- Bagging materials shall be borne by cargo owner.
- The cargo for fixed weighing at the request of cargo owner shall be based on open rate.
- Basic rate includes weighing charge.

### 3) Application of open rates

- The open rates shall be determined by mutual agreement between the parties concerned. However, in case of the number of the parties being so many or unspecified as to hardly reach an mutual agreement, then the Regional Port Authorities shall adjust them based on the rates reported by stevedores representative at each port(such as Association etc.)

### 4) Calculation of premium charge

- Each premium charges shall be obtained by multiplying each basic amount by each applicable premium rate.
- When different charges are overlapped, each relevant premium charge shall be calculated individually as per the above clause, and the amount thus obtained shall be added together.

- Holiday premium shall not be charged separately even if national holiday, celebration day, public holiday, etc. overlaps.
- 5) The rates not specified in this Tariff shall be charged based on the incidental open rates.
  - 6) Value Added Tax is not included in this Tariff rate.